

TCREMP and TCRpMHC structures

M.S.

2025-01-18

Fetch list of TCRs and their structures from VDJdb

```
download.file('https://raw.githubusercontent.com/antigenomics/vdjdb-db/refs/heads/master/chunks/PDB_Data',
  destfile = "v_tcrpmhc_raw.txt",
  method = "wget")
```

```
vpdb <- read_tsv("v_tcrpmhc_raw.txt") |>
  mutate(meta.structure.id = ifelse(meta.structure.id == '4E+41',
    "4e41",
    meta.structure.id))
```

```
## New names:
## Rows: 284 Columns: 33
## -- Column specification
## ----- Delimiter: "\t" chr
## (23): cdr3.alpha, v.alpha, j.alpha, cdr3.beta, v.beta, d.beta, j.beta, s... dbl
## (1): ...1 lgl (9): method.frequency, meta.study.id, meta.cell.subset,
## meta.subset.fre...
## i Use 'spec()' to retrieve the full column specification for this data. i
## Specify the column types or set 'show_col_types = FALSE' to quiet this message.
## * ' -> '...1'
```

```
vpdb_meta <- vpdb |>
  select(mhc.class, clone_id = meta.structure.id) |>
  unique()
```

```
glimpse(vpdb)
```

```
## Rows: 284
## Columns: 33
## $ ...1          <dbl> 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14~
## $ cdr3.alpha    <chr> "CAVTTDSWGKLVF", "CAAMEGAQKLVF", "CAATGSFNKLVF", ~
## $ v.alpha       <chr> "TRAV12-2*01", "TRAV29DV5*01", "TRAV14D-2*01", "~
## $ j.alpha       <chr> "TRAJ24*01", "TRAJ54*01", "TRAJ4*01", "TRAJ32*01~
## $ cdr3.beta     <chr> "CASRPGLAGRPEQYF", "CASSYPGGGFYEQYF", "CASGGQGR~
## $ v.beta        <chr> "TRBV6-5*01", "TRBV6-5*01", "TRBV13-2*01", "TRBV~
## $ d.beta        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ j.beta        <chr> "TRBJ2-7*01", "TRBJ2-7*01", "TRBJ2-1*01", "TRBJ1~
## $ species       <chr> "HomoSapiens", "HomoSapiens", "MusMusculus", "Mu~
## $ mhc.a         <chr> "HLA-A*02:01:59", "HLA-A*02:01:48", "H-2Aa", "H~~
## $ mhc.b         <chr> "B2M", "B2M", "H-2Aa", "B2M", "HLA-DRB1*01:01:01~
```

```
## $ mhc.class          <chr> "MHCI", "MHCI", "MHCII", "MHCI", "MHCII", "MHCI"~
## $ antigen.epitope    <chr> "LLFGYPVYV", "LLFGYPVYV", "GNSHRGAIEWEGIESG", "I~
## $ antigen.gene       <chr> "Tax", "Tax", "Ovotransferrin", "Kctd20", "HA", ~
## $ antigen.species    <chr> "HTLV-1", "HTLV-1", "GallusGallus", "MusMusculus~
## $ reference.id       <chr> "PMID:8906788", "PMID:9586631", "PMID:10583947",~
## $ method.identification <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ method.frequency   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ method.singlecell  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ method.sequencing  <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ method.verificatio <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.study.id      <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.cell.subset   <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.subset.frequency <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.subject.cohort <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.subject.id    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.replica.id    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.clone.id      <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.epitope.id    <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.tissue        <chr> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.donor.MHC     <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.donor.MHC.method <lgl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ~
## $ meta.structure.id  <chr> "1ao7", "1bd2", "1d9k", "1fo0", "1fyf", "1g6r", ~
```

Format into AIRR

```
vpdb <- vpdb |>
  filter(species == "HomoSapiens") |>
  pivot_longer(cols = c(v.alpha, j.alpha, cdr3.alpha,
                        v.beta, j.beta, cdr3.beta)) |>
  select(meta.structure.id, name, value) |>
  separate(name, c("variable", "locus")) |>
  unique() |>
  pivot_wider(id_cols = c(meta.structure.id, locus),
              names_from = variable,
              values_from = value) |>
  rename(clone_id = meta.structure.id,
         v_call = v, j_call = j,
         junction_aa = cdr3)

write_tsv(vpdb, "v_tcrpmhc.txt")
glimpse(vpdb)
```

```
## Rows: 432
## Columns: 5
## $ clone_id    <chr> "1ao7", "1ao7", "1bd2", "1bd2", "1fyf", "1fyf", "1j8h", "1~
## $ locus       <chr> "alpha", "beta", "alpha", "beta", "alpha", "beta", "alpha"~
## $ v_call      <chr> "TRAV12-2*01", "TRBV6-5*01", "TRAV29DV5*01", "TRBV6-5*01",~
## $ j_call      <chr> "TRAJ24*01", "TRBJ2-7*01", "TRAJ54*01", "TRBJ2-7*01", "TRA~
## $ junction_aa <chr> "CAVTTDSWGKLQF", "CASRPGLAGGRPEQYF", "CAAMEGAQKLVF", "CASS~
```

Download PDB structures

```
pdb_ids <- unique(vpdb$clone_id)
pdb_files <- get.pdb(pdb_ids, path = "tmp/")
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1ao7.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1bd2.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1fyt.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1j8h.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1mi5.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1oga.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1qrn.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1qse.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1qsf.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1zgl.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2ak4.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2bnq.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2bnr.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2esv.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2f53.pdb exists. Skipping
## download
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2f54.pdb exists. Skipping
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```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2gj6.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2iam.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2ian.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2nx5.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2p5e.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2p5w.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2pye.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2vlj.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2vlk.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2vlr.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2xn9.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2ypl.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3d39.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3d3v.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3dxa.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3ffc.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3gsn.pdb exists. Skipping
## download
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3h9s.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3hg1.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3kpr.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3kps.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3kxf.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3mv7.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3mv8.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3mv9.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3o4l.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3pwp.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3qdg.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3qdj.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3qdm.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3qeq.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3qfj.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3sjv.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3uts.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3utt.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3vxm.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3vxr.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3vxs.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4c56.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4e41.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4eup.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4ftv.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4g8g.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4g9f.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4gg6.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4jfd.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4jfe.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4jff.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4jrx.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4jry.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4l3e.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4mji.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4mnq.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4ozf.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4ozg.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4ozh.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4ozi.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4prh.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4pri.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4qok.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4qrp.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4y19.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4y1a.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4z7u.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4z7v.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4z7w.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5d2l.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5d2n.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1lp9.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//1ymm.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2j8u.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2jcc.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2uwe.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//2wbj.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3gjf.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3hae.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3pl6.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//3t0e.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4euq.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4grl.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4h1l.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4may.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4p4k.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4qrr.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4wuu.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//4zez.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5brz.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5bs0.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c07.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c08.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c09.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c0a.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c0b.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5c0c.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5e6i.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5e9d.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5eu6.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5euo.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5hbm.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5hho.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5hyj.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5isz.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5jhd.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5jzi.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5ks9.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5ksa.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5ksb.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5men.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5nht.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5nme.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5nmf.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5nmg.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5nqk.pdb exists. Skipping
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5tez.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5w1v.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5w1w.pdb exists. Skipping
## download
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5wkf.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5wkh.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5xot.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5xov.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5yxn.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//5yxu.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6am5.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6amu.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6avf.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6avg.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6bj2.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6bj3.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6bj8.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6cql.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6cqn.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6cqq.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6cqr.pdb exists. Skipping
## download
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## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6d78.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6dfx.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6dkp.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6dxf.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6eqa.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6eqb.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6mtm.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6p64.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6px6.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6py2.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6q3s.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6r2l.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6rp9.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6rpa.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6rpb.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6rsy.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6tmo.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6tro.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6u3n.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6u3o.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6uon.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vm7.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vm8.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vma.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vmc.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vmx.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vqo.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6vrn.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n1e.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n1f.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n6e.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6xc9.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6xco.pdb exists. Skipping
## download
```



```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7sg0.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7sg1.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7sg2.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7rrg.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2s.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2n.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2o.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2r.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2p.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//7n2q.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//8cx4.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//8VCX.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//8VCY.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//8VD0.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//8VD2.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6XCP.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6XC0.pdb exists. Skipping
## download
```

```
## Warning in get.pdb(pdb_ids, path = "tmp/"): tmp//6XC9.pdb exists. Skipping
## download

## Warning in get.pdb(pdb_ids, path = "tmp/"): Some files could not be downloaded,
## check returned value
```

```
pdb_files <- pdb_files[endsWith(pdb_files, ".pdb")]
```

Align, superimpose and get coords. Then compute RMSD

```
struct_alns <- pdbaln(pdb_files, fit = F,
                      ncore = 12,
                      exefile = "msa",
                      maxiters = 256)
```

```
## Reading PDB files:
```

```
## tmp//1ao7.pdb
## tmp//1bd2.pdb
## tmp//1fyt.pdb
## tmp//1j8h.pdb
## tmp//1mi5.pdb
## tmp//1oga.pdb
## tmp//1qrn.pdb
## tmp//1qse.pdb
## tmp//1qsf.pdb
## tmp//1zgl.pdb
## tmp//2ak4.pdb
## tmp//2bnq.pdb
## tmp//2bnr.pdb
## tmp//2esv.pdb
## tmp//2f53.pdb
## tmp//2f54.pdb
## tmp//2gj6.pdb
## tmp//2iam.pdb
## tmp//2ian.pdb
## tmp//2nx5.pdb
## tmp//2p5e.pdb
## tmp//2p5w.pdb
## tmp//2pye.pdb
## tmp//2vlj.pdb
## tmp//2vlk.pdb
## tmp//2vlr.pdb
## tmp//2xn9.pdb
## tmp//2ypl.pdb
## tmp//3d39.pdb
## tmp//3d3v.pdb
## tmp//3dxa.pdb
## tmp//3ffc.pdb
## tmp//3gsn.pdb
## tmp//3h9s.pdb
## tmp//3hg1.pdb
## tmp//3kpr.pdb
## tmp//3kps.pdb
```


tmp//3kxf.pdb
tmp//3mv7.pdb
tmp//3mv8.pdb
tmp//3mv9.pdb
tmp//3o4l.pdb
tmp//3pwp.pdb
tmp//3qdg.pdb
tmp//3qdj.pdb
tmp//3qdm.pdb
tmp//3qeq.pdb
tmp//3qfj.pdb
tmp//3sjv.pdb
tmp//3uts.pdb
tmp//3utt.pdb
tmp//3vxm.pdb
tmp//3vxr.pdb
tmp//3vxs.pdb
tmp//4c56.pdb
tmp//4e41.pdb
tmp//4eup.pdb
tmp//4ftv.pdb
tmp//4g8g.pdb
tmp//4g9f.pdb
tmp//4gg6.pdb
tmp//4jfd.pdb
tmp//4jfe.pdb
tmp//4jff.pdb
tmp//4jrx.pdb
tmp//4jry.pdb
tmp//4l3e.pdb
tmp//4mji.pdb
tmp//4mnq.pdb
tmp//4ozf.pdb
tmp//4ozg.pdb
tmp//4ozh.pdb
tmp//4ozi.pdb
tmp//4prh.pdb
tmp//4pri.pdb
tmp//4prp.pdb
tmp//4qok.pdb
tmp//4qrp.pdb
tmp//4y19.pdb
tmp//4y1a.pdb
tmp//4z7u.pdb
tmp//4z7v.pdb
tmp//4z7w.pdb
tmp//5d2l.pdb
tmp//5d2n.pdb
tmp//1lp9.pdb
tmp//1ymm.pdb
tmp//2j8u.pdb
tmp//2jcc.pdb
tmp//2uwe.pdb
tmp//2wbj.pdb

tmp//3gjf.pdb
tmp//3hae.pdb
tmp//3nfj.pdb
tmp//3o6f.pdb
tmp//3pl6.pdb
tmp//3t0e.pdb
tmp//4euq.pdb
tmp//4grl.pdb
tmp//4h1l.pdb
tmp//4may.pdb
tmp//4p4k.pdb
tmp//4qrr.pdb
tmp//4wuu.pdb
tmp//4zez.pdb
tmp//5brz.pdb
tmp//5bs0.pdb
tmp//5c07.pdb
tmp//5c08.pdb
tmp//5c09.pdb
tmp//5c0a.pdb
tmp//5c0b.pdb
tmp//5c0c.pdb
tmp//5e6i.pdb
tmp//5e9d.pdb
tmp//5eu6.pdb
tmp//5euo.pdb
tmp//5hbm.pdb
tmp//5hho.pdb
tmp//5hyj.pdb
tmp//5isz.pdb
tmp//5jhd.pdb
tmp//5jzi.pdb
tmp//5ks9.pdb
tmp//5ksa.pdb
tmp//5ksb.pdb
tmp//5men.pdb
tmp//5nht.pdb
tmp//5nme.pdb
tmp//5nmf.pdb
tmp//5nmg.pdb
tmp//5nqk.pdb
tmp//5tez.pdb
tmp//5w1v.pdb
tmp//5w1w.pdb
tmp//5wkf.pdb
tmp//5wkh.pdb
tmp//5xot.pdb
tmp//5xov.pdb
tmp//5yxn.pdb
tmp//5yxu.pdb
tmp//6am5.pdb
tmp//6amu.pdb
tmp//6avf.pdb
tmp//6avg.pdb

tmp//6bj2.pdb
tmp//6bj3.pdb
tmp//6bj8.pdb
tmp//6cql.pdb
tmp//6cqn.pdb
tmp//6cqq.pdb
tmp//6cqr.pdb
tmp//6d78.pdb
tmp//6dfx.pdb
tmp//6dkp.pdb
tmp//6dxfl.pdb
tmp//6eqa.pdb
tmp//6eqb.pdb
tmp//6mtm.pdb
tmp//6p64.pdb
tmp//6px6.pdb
tmp//6py2.pdb
tmp//6q3s.pdb
tmp//6r2l.pdb
tmp//6rp9.pdb
tmp//6rpa.pdb
tmp//6rpb.pdb
tmp//6rsy.pdb
tmp//6tmo.pdb
tmp//6tro.pdb
tmp//6u3n.pdb
tmp//6u3o.pdb
tmp//6uon.pdb
tmp//6vm7.pdb
tmp//6vm8.pdb
tmp//6vma.pdb
tmp//6vmc.pdb
tmp//6vmx.pdb
tmp//6vqo.pdb
tmp//6vrm.pdb
tmp//6vrn.pdb
tmp//7n1e.pdb
tmp//7n1f.pdb
tmp//7n6e.pdb
tmp//6xc9.pdb
tmp//6xco.pdb
tmp//6xcp.pdb
tmp//6zkw.pdb
tmp//6zky.pdb
tmp//6zkz.pdb
tmp//7dzm.pdb
tmp//7dzn.pdb
tmp//7rm4.pdb
tmp//7rtr.pdb
tmp//7l1d.pdb
tmp//7sg0.pdb
tmp//7sg1.pdb
tmp//7sg2.pdb


```

##      PDB has ALT records, taking A only, rm.alt=TRUE
## ....  PDB has ALT records, taking A only, rm.alt=TRUE
## .....  PDB has ALT records, taking A only, rm.alt=TRUE
## ...    PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## .....  PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
## .....  PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## ....  PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
## .....  PDB has ALT records, taking A only, rm.alt=TRUE
## ...    PDB has ALT records, taking A only, rm.alt=TRUE
## .....  PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## ....  PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## ....  PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## ..     PDB has ALT records, taking A only, rm.alt=TRUE
## .      PDB has ALT records, taking A only, rm.alt=TRUE
## .....
##
## Extracting sequences
##
## pdb/seq: 1   name: tmp//1ao7.pdb
## pdb/seq: 2   name: tmp//1bd2.pdb
## pdb/seq: 3   name: tmp//1fyt.pdb
## pdb/seq: 4   name: tmp//1j8h.pdb
## pdb/seq: 5   name: tmp//1mi5.pdb
## pdb/seq: 6   name: tmp//1oga.pdb
## pdb/seq: 7   name: tmp//1qrn.pdb
## pdb/seq: 8   name: tmp//1qse.pdb
## pdb/seq: 9   name: tmp//1qsf.pdb
## pdb/seq: 10  name: tmp//1zgl.pdb
## pdb/seq: 11  name: tmp//2ak4.pdb
## pdb/seq: 12  name: tmp//2bnq.pdb
## pdb/seq: 13  name: tmp//2bnr.pdb
## pdb/seq: 14  name: tmp//2esv.pdb
## pdb/seq: 15  name: tmp//2f53.pdb

```

```

## pdb/seq: 17  name: tmp//2gj6.pdb
## pdb/seq: 16  name: tmp//2f54.pdb
## pdb/seq: 19  name: tmp//2ian.pdb
## pdb/seq: 20  name: tmp//2nx5.pdb
## pdb/seq: 18  name: tmp//2iam.pdb
## pdb/seq: 21  name: tmp//2p5e.pdb
## pdb/seq: 24  name: tmp//2vlj.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 26  name: tmp//2v1r.pdb
## pdb/seq: 25  name: tmp//2v1k.pdb
## pdb/seq: 29  name: tmp//3d39.pdb
## pdb/seq: 27  name: tmp//2xn9.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 30  name: tmp//3d3v.pdb
## pdb/seq: 33  name: tmp//3gsn.pdb
## pdb/seq: 36  name: tmp//3kpr.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 41  name: tmp//3mv9.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 42  name: tmp//3o4l.pdb
## pdb/seq: 28  name: tmp//2ypl.pdb
## pdb/seq: 39  name: tmp//3mv7.pdb
## pdb/seq: 45  name: tmp//3qdj.pdb
## pdb/seq: 37  name: tmp//3kps.pdb
## pdb/seq: 22  name: tmp//2p5w.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 23  name: tmp//2pye.pdb
## pdb/seq: 38  name: tmp//3kxf.pdb
## pdb/seq: 40  name: tmp//3mv8.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 53  name: tmp//3v1r.pdb
## pdb/seq: 49  name: tmp//3sjv.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 54  name: tmp//3vxs.pdb
## pdb/seq: 48  name: tmp//3qfj.pdb
## pdb/seq: 51  name: tmp//3utt.pdb
## pdb/seq: 57  name: tmp//4eup.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 34  name: tmp//3h9s.pdb
## pdb/seq: 31  name: tmp//3dxa.pdb
## pdb/seq: 32  name: tmp//3ffc.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 35  name: tmp//3hg1.pdb
## pdb/seq: 52  name: tmp//3v1m.pdb
## pdb/seq: 65  name: tmp//4jrx.pdb
## pdb/seq: 60  name: tmp//4g9f.pdb
## pdb/seq: 66  name: tmp//4jry.pdb
## pdb/seq: 46  name: tmp//3qdm.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 47  name: tmp//3qeq.pdb
##      PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 64  name: tmp//4jff.pdb

```

```

## pdb/seq: 77  name: tmp//4qok.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 69  name: tmp//4mnq.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 63  name: tmp//4jfe.pdb
## pdb/seq: 72  name: tmp//4ozh.pdb
## pdb/seq: 78  name: tmp//4qrp.pdb
## pdb/seq: 44  name: tmp//3qdg.pdb
## pdb/seq: 58  name: tmp//4ftv.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 59  name: tmp//4g8g.pdb
## pdb/seq: 76  name: tmp//4prp.pdb
## pdb/seq: 89  name: tmp//2jcc.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 81  name: tmp//4z7u.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 43  name: tmp//3pwp.pdb
## pdb/seq: 75  name: tmp//4pri.pdb
## pdb/seq: 61  name: tmp//4gg6.pdb
## pdb/seq: 50  name: tmp//3uts.pdb
## pdb/seq: 70  name: tmp//4ozf.pdb
## pdb/seq: 56  name: tmp//4e41.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 71  name: tmp//4ozg.pdb
## pdb/seq: 55  name: tmp//4c56.pdb
## pdb/seq: 88  name: tmp//2j8u.pdb
## pdb/seq: 82  name: tmp//4z7v.pdb
## pdb/seq: 84  name: tmp//5d2l.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 87  name: tmp//1ymm.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 90  name: tmp//2uwe.pdb
## pdb/seq: 93  name: tmp//3hae.pdb
## pdb/seq: 73  name: tmp//4ozi.pdb
## pdb/seq: 101 name: tmp//4may.pdb
## pdb/seq: 68  name: tmp//4mji.pdb
## pdb/seq: 99  name: tmp//4grl.pdb
## pdb/seq: 62  name: tmp//4jfd.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 83  name: tmp//4z7w.pdb
## pdb/seq: 100 name: tmp//4h1l.pdb
## pdb/seq: 113 name: tmp//5c0c.pdb
## pdb/seq: 111 name: tmp//5c0a.pdb
## pdb/seq: 74  name: tmp//4prh.pdb
## pdb/seq: 67  name: tmp//4l3e.pdb

```

```

## pdb/seq: 102  name: tmp//4p4k.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 85  name: tmp//5d2n.pdb
## pdb/seq: 80  name: tmp//4y1a.pdb
## pdb/seq: 86  name: tmp//1lp9.pdb
## pdb/seq: 112 name: tmp//5c0b.pdb
## pdb/seq: 79  name: tmp//4y19.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 96  name: tmp//3pl6.pdb
## pdb/seq: 95  name: tmp//3o6f.pdb
## pdb/seq: 92  name: tmp//3gjf.pdb
## pdb/seq: 125 name: tmp//5ksa.pdb
## pdb/seq: 123 name: tmp//5jzi.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 105 name: tmp//4zez.pdb
## pdb/seq: 114 name: tmp//5e6i.pdb
## pdb/seq: 108 name: tmp//5c07.pdb
## pdb/seq: 91  name: tmp//2wbj.pdb
## pdb/seq: 97  name: tmp//3t0e.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 98  name: tmp//4euq.pdb
## pdb/seq: 137 name: tmp//5wkh.pdb
## pdb/seq: 124 name: tmp//5ks9.pdb
## pdb/seq: 107 name: tmp//5bs0.pdb
## pdb/seq: 104 name: tmp//4wuu.pdb
## pdb/seq: 119 name: tmp//5hho.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 109 name: tmp//5c08.pdb
## pdb/seq: 103 name: tmp//4qrr.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 117 name: tmp//5euo.pdb
## pdb/seq: 120 name: tmp//5hyj.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 149 name: tmp//6cql.pdb
## pdb/seq: 110 name: tmp//5c09.pdb
## pdb/seq: 136 name: tmp//5wkf.pdb
## pdb/seq: 131 name: tmp//5nmg.pdb
## pdb/seq: 116 name: tmp//5eu6.pdb
## pdb/seq: 135 name: tmp//5w1w.pdb
## pdb/seq: 115 name: tmp//5e9d.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 94  name: tmp//3nfj.pdb
## pdb/seq: 161 name: tmp//6px6.pdb
## pdb/seq: 126 name: tmp//5ksb.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 121 name: tmp//5isz.pdb
## pdb/seq: 128 name: tmp//5nht.pdb
## pdb/seq: 129 name: tmp//5nme.pdb
## pdb/seq: 132 name: tmp//5nqk.pdb
## pdb/seq: 148 name: tmp//6bj8.pdb
## pdb/seq: 173 name: tmp//6uon.pdb
## pdb/seq: 122 name: tmp//5jhd.pdb
## pdb/seq: 127 name: tmp//5men.pdb

```



```

## pdb/seq: 143   name: tmp//6amu.pdb
## pdb/seq: 140   name: tmp//5yxn.pdb
## pdb/seq: 106   name: tmp//5brz.pdb
## pdb/seq: 144   name: tmp//6avf.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 138   name: tmp//5xot.pdb
## pdb/seq: 139   name: tmp//5xov.pdb
## pdb/seq: 160   name: tmp//6p64.pdb
## pdb/seq: 155   name: tmp//6dkp.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 133   name: tmp//5tez.pdb
## pdb/seq: 152   name: tmp//6cqr.pdb
## pdb/seq: 118   name: tmp//5hhm.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 141   name: tmp//5yxu.pdb
## pdb/seq: 185   name: tmp//6xc9.pdb
## pdb/seq: 156   name: tmp//6dxf.pdb
## pdb/seq: 150   name: tmp//6cqn.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 167   name: tmp//6rpb.pdb
## pdb/seq: 145   name: tmp//6avg.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 147   name: tmp//6bj3.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 151   name: tmp//6cqq.pdb
## pdb/seq: 162   name: tmp//6py2.pdb
## pdb/seq: 172   name: tmp//6u3o.pdb
## pdb/seq: 130   name: tmp//5nmf.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 164   name: tmp//6r2l.pdb
## pdb/seq: 134   name: tmp//5w1v.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 168   name: tmp//6rsy.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 159   name: tmp//6mtm.pdb
## pdb/seq: 197   name: tmp//7sg0.pdb
## pdb/seq: 153   name: tmp//6d78.pdb
## pdb/seq: 174   name: tmp//6vm7.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 157   name: tmp//6eqa.pdb
## pdb/seq: 176   name: tmp//6vma.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 171   name: tmp//6u3n.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 165   name: tmp//6rp9.pdb
## pdb/seq: 163   name: tmp//6q3s.pdb
## pdb/seq: 184   name: tmp//7n6e.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 142   name: tmp//6am5.pdb

```

```

## pdb/seq: 209    name: tmp//8VCY.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 186    name: tmp//6xco.pdb
## pdb/seq: 180    name: tmp//6vrn.pdb
## pdb/seq: 169    name: tmp//6tmo.pdb
## pdb/seq: 188    name: tmp//6zkw.pdb
## pdb/seq: 183    name: tmp//7n1f.pdb
## pdb/seq: 175    name: tmp//6vm8.pdb
## pdb/seq: 154    name: tmp//6dfx.pdb
## pdb/seq: 179    name: tmp//6vqo.pdb
## pdb/seq: 198    name: tmp//7sg1.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 192    name: tmp//7dzm.pdb
## pdb/seq: 181    name: tmp//6vrn.pdb
## pdb/seq: 195    name: tmp//7rtr.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 200    name: tmp//7rrg.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 196    name: tmp//7l1d.pdb
## pdb/seq: 187    name: tmp//6xcp.pdb
## pdb/seq: 146    name: tmp//6bj2.pdb
## pdb/seq: 177    name: tmp//6vmc.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 212    name: tmp//6XCP.pdb
## pdb/seq: 166    name: tmp//6rpa.pdb
## pdb/seq: 191    name: tmp//6zkz.pdb
## pdb/seq: 204    name: tmp//7n2r.pdb
## pdb/seq: 207    name: tmp//8cx4.pdb
## pdb/seq: 193    name: tmp//7dzn.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 208    name: tmp//8VCX.pdb
## pdb/seq: 199    name: tmp//7sg2.pdb
## pdb/seq: 210    name: tmp//8VD0.pdb
## pdb/seq: 189    name: tmp//6zqx.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 178    name: tmp//6vmx.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 203    name: tmp//7n2o.pdb
## pdb/seq: 158    name: tmp//6eqb.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 201    name: tmp//7n2s.pdb
## pdb/seq: 205    name: tmp//7n2p.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 170    name: tmp//6tro.pdb
## pdb/seq: 211    name: tmp//8VD2.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 213    name: tmp//6XC0.pdb
## pdb/seq: 190    name: tmp//6zky.pdb
## pdb/seq: 182    name: tmp//7n1e.pdb
## pdb/seq: 202    name: tmp//7n2n.pdb
## pdb/seq: 194    name: tmp//7rm4.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE

```

```
## pdb/seq: 214   name: tmp//6XC9.pdb
##   PDB has ALT records, taking A only, rm.alt=TRUE
## pdb/seq: 206   name: tmp//7n2q.pdb
```

```
# how coords are organized:
# (struct_alns$xyz |> matrix(nrow = 4))[1,] |> matrix(nrow = 3) |> t()
struct_alns_ids <- tools::file_path_sans_ext(basename(struct_alns$id))
struct_alns_coords <- struct_alns$xyz |>
  matrix(nrow = length(struct_alns$id)) |>
  t()
aligned_residues <- apply(struct_alns_coords, 2, \(x) sum(!is.na(x)))
struct_alns_coords[is.na(struct_alns_coords)] <- 0
# pairwise distances
struct_alns_eucl <- struct_alns_coords |>
  t() |>
  dist() |>
  as.matrix()
# normalize for number of aligned residues
struct_alns_rmsd <- t(struct_alns_eucl / sqrt(aligned_residues)) / sqrt(aligned_residues)
rownames(struct_alns_rmsd) <- struct_alns_ids
colnames(struct_alns_rmsd) <- struct_alns_ids
struct_alns_rmsd <- struct_alns_rmsd |>
  melt()
colnames(struct_alns_rmsd) <- c("clone_id.from", "clone_id.to", "rmsd")
struct_alns_rmsd
```

```
##      clone_id.from clone_id.to      rmsd
## 1          1ao7          1ao7 0.000000000
## 2          1bd2          1ao7 1.130646871
## 3          1fyf          1ao7 0.774068849
## 4          1j8h          1ao7 0.958630113
## 5          1mi5          1ao7 0.966597742
## 6          1oga          1ao7 1.025532603
## 7          1qrn          1ao7 0.626118523
## 8          1qse          1ao7 1.124786908
## 9          1qsf          1ao7 0.619610966
## 10         1zgl          1ao7 1.231987752
## 11         2ak4          1ao7 1.053606701
## 12         2bnq          1ao7 1.158310923
## 13         2bnr          1ao7 1.409227541
## 14         2esv          1ao7 0.674108694
## 15         2f53          1ao7 0.947047765
## 16         2f54          1ao7 1.600081513
## 17         2gj6          1ao7 0.877108926
## 18         2iam          1ao7 3.524282171
## 19         2ian          1ao7 0.956574516
## 20         2nx5          1ao7 0.955422531
## 21         2p5e          1ao7 0.955943003
## 22         2p5w          1ao7 0.956335453
## 23         2pye          1ao7 1.337546640
## 24         2vlj          1ao7 1.627888954
## 25         2vlk          1ao7 1.212483298
## 26         2vlr          1ao7 1.074041116
## 27         2xn9          1ao7 1.095635176
```

## 28	2yp1	1ao7 1.526989930
## 29	3d39	1ao7 0.979036602
## 30	3d3v	1ao7 0.955483655
## 31	3dxa	1ao7 1.366570114
## 32	3ffc	1ao7 1.381029340
## 33	3gsn	1ao7 1.187184698
## 34	3h9s	1ao7 0.980962314
## 35	3hg1	1ao7 0.922976836
## 36	3kpr	1ao7 1.171320908
## 37	3kps	1ao7 1.265764076
## 38	3kxf	1ao7 0.973096210
## 39	3mv7	1ao7 1.266301830
## 40	3mv8	1ao7 1.248432218
## 41	3mv9	1ao7 1.011003220
## 42	3o4l	1ao7 1.152809893
## 43	3pwp	1ao7 0.980173124
## 44	3qdg	1ao7 1.382610724
## 45	3qdj	1ao7 1.380878445
## 46	3qdm	1ao7 2.387302067
## 47	3qeq	1ao7 1.308407007
## 48	3qfj	1ao7 1.180594539
## 49	3sjv	1ao7 1.032206492
## 50	3uts	1ao7 1.061809164
## 51	3utt	1ao7 0.995673248
## 52	3vxm	1ao7 1.245701818
## 53	3vxr	1ao7 1.471597340
## 54	3vxs	1ao7 1.481379037
## 55	4c56	1ao7 0.976295870
## 56	4e41	1ao7 4.190545934
## 57	4eup	1ao7 1.136560503
## 58	4ftv	1ao7 1.342198283
## 59	4g8g	1ao7 1.628964601
## 60	4g9f	1ao7 1.088375095
## 61	4gg6	1ao7 1.509964885
## 62	4jfd	1ao7 0.920737479
## 63	4jfe	1ao7 0.922490386
## 64	4jff	1ao7 0.920756428
## 65	4jrx	1ao7 1.105118960
## 66	4jry	1ao7 1.587800768
## 67	4l3e	1ao7 1.532687107
## 68	4mji	1ao7 1.889227220
## 69	4mnq	1ao7 0.868135862
## 70	4ozf	1ao7 1.846463002
## 71	4ozg	1ao7 3.370638271
## 72	4ozh	1ao7 2.628276078
## 73	4ozi	1ao7 3.266443591
## 74	4prh	1ao7 1.281040852
## 75	4pri	1ao7 1.238396518
## 76	4prp	1ao7 1.269104492
## 77	4qok	1ao7 0.750675633
## 78	4qrp	1ao7 0.995603997
## 79	4y19	1ao7 1.881856103
## 80	4y1a	1ao7 1.229247673
## 81	4z7u	1ao7 1.752724238

## 82	4z7v	1ao7 1.642435146
## 83	4z7w	1ao7 0.896729261
## 84	5d2l	1ao7 0.995339603
## 85	5d2n	1ao7 0.982360749
## 86	1lp9	1ao7 0.777933745
## 87	1ymm	1ao7 1.799516521
## 88	2j8u	1ao7 0.778441306
## 89	2jcc	1ao7 0.777677662
## 90	2uwe	1ao7 0.777913297
## 91	2wbj	1ao7 1.184067392
## 92	3gjf	1ao7 1.183247661
## 93	3hae	1ao7 1.244896010
## 94	3nfj	1ao7 1.039084463
## 95	3o6f	1ao7 0.839528752
## 96	3pl6	1ao7 1.200852635
## 97	3t0e	1ao7 1.290529479
## 98	4euq	1ao7 1.502720133
## 99	4grl	1ao7 1.222536649
## 100	4h1l	1ao7 1.726987302
## 101	4may	1ao7 1.228651761
## 102	4p4k	1ao7 0.971234726
## 103	4qrr	1ao7 1.224040629
## 104	4wuu	1ao7 1.539299367
## 105	4zez	1ao7 1.659677848
## 106	5brz	1ao7 2.175874194
## 107	5bs0	1ao7 3.417174061
## 108	5c07	1ao7 1.347520901
## 109	5c08	1ao7 1.286012534
## 110	5c09	1ao7 0.991757634
## 111	5c0a	1ao7 1.642910708
## 112	5c0b	1ao7 1.089070209
## 113	5c0c	1ao7 1.747844608
## 114	5e6i	1ao7 1.227009063
## 115	5e9d	1ao7 1.112383462
## 116	5eu6	1ao7 1.164872053
## 117	5euo	1ao7 7.657740862
## 118	5hhm	1ao7 1.083521937
## 119	5hho	1ao7 1.610661943
## 120	5hyj	1ao7 1.250009139
## 121	5isz	1ao7 1.367832705
## 122	5jhd	1ao7 1.297216134
## 123	5jzi	1ao7 1.659358475
## 124	5ks9	1ao7 1.279680936
## 125	5ksa	1ao7 1.426593108
## 126	5ksb	1ao7 1.129917024
## 127	5men	1ao7 0.869577424
## 128	5nht	1ao7 1.737350830
## 129	5nme	1ao7 1.028684389
## 130	5nmf	1ao7 1.084870453
## 131	5nmg	1ao7 1.138252118
## 132	5nqk	1ao7 1.744820418
## 133	5tez	1ao7 3.994644075
## 134	5w1v	1ao7 3.406562227
## 135	5w1w	1ao7 3.539777246

## 136	5wkf	1ao7 1.169549997
## 137	5wkh	1ao7 0.823119785
## 138	5xot	1ao7 1.502112571
## 139	5xov	1ao7 1.039084463
## 140	5yxn	1ao7 1.233479972
## 141	5yxu	1ao7 1.115156596
## 142	6am5	1ao7 1.544156605
## 143	6amu	1ao7 1.491033433
## 144	6avf	1ao7 2.533743535
## 145	6avg	1ao7 1.302357013
## 146	6bj2	1ao7 2.020140940
## 147	6bj3	1ao7 1.572557987
## 148	6bj8	1ao7 1.572114935
## 149	6cql	1ao7 1.357155558
## 150	6cqn	1ao7 3.072587685
## 151	6cqq	1ao7 2.123631822
## 152	6cqr	1ao7 1.151646150
## 153	6d78	1ao7 1.541258760
## 154	6dfx	1ao7 3.089950907
## 155	6dkp	1ao7 1.530777311
## 156	6dxs	1ao7 1.983207151
## 157	6eqa	1ao7 0.923921912
## 158	6eqb	1ao7 0.925601223
## 159	6mtm	1ao7 1.273640163
## 160	6p64	1ao7 2.804396097
## 161	6px6	1ao7 1.010520470
## 162	6py2	1ao7 0.930444696
## 163	6q3s	1ao7 1.094495863
## 164	6r2l	1ao7 1.280050725
## 165	6rp9	1ao7 1.252138893
## 166	6rpa	1ao7 1.349884717
## 167	6rpb	1ao7 1.153934478
## 168	6rsy	1ao7 0.895729827
## 169	6tmo	1ao7 1.395941710
## 170	6tro	1ao7 0.841426681
## 171	6u3n	1ao7 1.111756826
## 172	6u3o	1ao7 2.375422894
## 173	6uon	1ao7 1.116332972
## 174	6vm7	1ao7 1.314078671
## 175	6vm8	1ao7 1.375808351
## 176	6vma	1ao7 0.832029348
## 177	6vmc	1ao7 1.241454055
## 178	6vmx	1ao7 1.536224743
## 179	6vqo	1ao7 0.725513112
## 180	6vrm	1ao7 1.975491403
## 181	6vrn	1ao7 1.287579553
## 182	7n1e	1ao7 1.144630740
## 183	7n1f	1ao7 0.991049619
## 184	7n6e	1ao7 1.031599641
## 185	6xc9	1ao7 1.436252183
## 186	6xco	1ao7 1.467274999
## 187	6xcp	1ao7 3.371179321
## 188	6zkw	1ao7 1.368622742
## 189	6zkk	1ao7 1.057064450

## 190	6zky	1ao7 1.370054490
## 191	6zkz	1ao7 1.407221753
## 192	7dzm	1ao7 1.491739038
## 193	7dzn	1ao7 0.958571328
## 194	7rm4	1ao7 1.384605909
## 195	7rtr	1ao7 1.031997706
## 196	7l1d	1ao7 1.282460117
## 197	7sg0	1ao7 1.356124972
## 198	7sg1	1ao7 1.549843996
## 199	7sg2	1ao7 1.539176154
## 200	7rrg	1ao7 0.842098652
## 201	7n2s	1ao7 0.957698349
## 202	7n2n	1ao7 0.960995402
## 203	7n2o	1ao7 1.284042530
## 204	7n2r	1ao7 1.454767448
## 205	7n2p	1ao7 1.585573898
## 206	7n2q	1ao7 1.268191097
## 207	8cx4	1ao7 1.133648190
## 208	8VCX	1ao7 2.780398307
## 209	8VCY	1ao7 1.205986153
## 210	8VD0	1ao7 0.904107493
## 211	8VD2	1ao7 0.909839513
## 212	6XCP	1ao7 3.370694933
## 213	6XC0	1ao7 1.468077461
## 214	6XC9	1ao7 1.438049704
## 215	1ao7	1bd2 1.130646871
## 216	1bd2	1bd2 0.000000000
## 217	1fyt	1bd2 0.803613983
## 218	1j8h	1bd2 1.329957602
## 219	1mi5	1bd2 0.968293507
## 220	1oga	1bd2 0.825066065
## 221	1qrn	1bd2 1.220554453
## 222	1qse	1bd2 1.429604571
## 223	1qsf	1bd2 1.214731165
## 224	1zgl	1bd2 1.089273539
## 225	2ak4	1bd2 0.796311512
## 226	2bnq	1bd2 1.139901368
## 227	2bnr	1bd2 1.099518554
## 228	2esv	1bd2 1.092120414
## 229	2f53	1bd2 0.611648700
## 230	2f54	1bd2 1.294469284
## 231	2gj6	1bd2 1.343577811
## 232	2iam	1bd2 2.960336357
## 233	2ian	1bd2 0.928233666
## 234	2nx5	1bd2 0.769511530
## 235	2p5e	1bd2 0.608724854
## 236	2p5w	1bd2 0.609479825
## 237	2pye	1bd2 0.673091843
## 238	2vlj	1bd2 0.973036279
## 239	2vlk	1bd2 1.758447552
## 240	2vlr	1bd2 0.709101885
## 241	2xn9	1bd2 0.978896849
## 242	2ypl	1bd2 1.188921412
## 243	3d39	1bd2 0.817201154

## 244	3d3v	1bd2 0.813113862
## 245	3dxa	1bd2 0.925236597
## 246	3ffc	1bd2 1.203092343
## 247	3gsn	1bd2 0.779154421
## 248	3h9s	1bd2 0.815327954
## 249	3hg1	1bd2 0.816036660
## 250	3kpr	1bd2 0.771697280
## 251	3kps	1bd2 0.756363339
## 252	3kxf	1bd2 0.853690267
## 253	3mv7	1bd2 1.132708642
## 254	3mv8	1bd2 0.773738475
## 255	3mv9	1bd2 1.257218708
## 256	3o4l	1bd2 0.767589538
## 257	3pwp	1bd2 0.818633274
## 258	3qdg	1bd2 1.374910080
## 259	3qdj	1bd2 1.374482429
## 260	3qdm	1bd2 1.936790987
## 261	3qeq	1bd2 0.838431623
## 262	3qfj	1bd2 0.866771495
## 263	3sjv	1bd2 0.886892946
## 264	3uts	1bd2 1.059919871
## 265	3utt	1bd2 0.983495875
## 266	3vxm	1bd2 0.616791362
## 267	3vxr	1bd2 0.904282882
## 268	3vxs	1bd2 0.847733109
## 269	4c56	1bd2 0.789799317
## 270	4e41	1bd2 4.208480112
## 271	4eup	1bd2 0.892962347
## 272	4ftv	1bd2 0.866684892
## 273	4g8g	1bd2 1.100001381
## 274	4g9f	1bd2 1.015256066
## 275	4gg6	1bd2 1.005531554
## 276	4jfd	1bd2 0.818412141
## 277	4jfe	1bd2 0.821144353
## 278	4jff	1bd2 0.820982870
## 279	4jrx	1bd2 0.395638969
## 280	4jry	1bd2 1.005290921
## 281	4l3e	1bd2 1.145333484
## 282	4mji	1bd2 1.885364039
## 283	4mnq	1bd2 0.890288945
## 284	4ozf	1bd2 1.126476906
## 285	4ozg	1bd2 3.304119520
## 286	4ozh	1bd2 2.309423898
## 287	4ozi	1bd2 3.319606276
## 288	4prh	1bd2 0.724950269
## 289	4pri	1bd2 0.654075420
## 290	4prp	1bd2 0.700234015
## 291	4qok	1bd2 1.058261701
## 292	4qrp	1bd2 0.994357227
## 293	4y19	1bd2 1.362918361
## 294	4y1a	1bd2 1.085399019
## 295	4z7u	1bd2 1.686412362
## 296	4z7v	1bd2 1.182489759
## 297	4z7w	1bd2 0.676857423

## 298	5d2l	1bd2 0.963516639
## 299	5d2n	1bd2 0.789126707
## 300	1lp9	1bd2 0.535888585
## 301	1ymm	1bd2 1.211587966
## 302	2j8u	1bd2 0.536399357
## 303	2jcc	1bd2 0.537753943
## 304	2uwe	1bd2 0.535576323
## 305	2wbj	1bd2 0.964850096
## 306	3gjf	1bd2 0.798452217
## 307	3hae	1bd2 1.073286724
## 308	3nfj	1bd2 0.783527628
## 309	3o6f	1bd2 0.775739242
## 310	3pl6	1bd2 1.055005908
## 311	3t0e	1bd2 0.830511867
## 312	4euq	1bd2 1.243114609
## 313	4grl	1bd2 0.817088227
## 314	4h1l	1bd2 1.124719718
## 315	4may	1bd2 0.735914780
## 316	4p4k	1bd2 0.747590654
## 317	4qrr	1bd2 0.719879605
## 318	4wuu	1bd2 1.117865710
## 319	4zez	1bd2 1.133649944
## 320	5brz	1bd2 2.144371166
## 321	5bs0	1bd2 3.033340692
## 322	5c07	1bd2 0.997172467
## 323	5c08	1bd2 1.049127162
## 324	5c09	1bd2 0.989404862
## 325	5c0a	1bd2 1.341805212
## 326	5c0b	1bd2 0.965685832
## 327	5c0c	1bd2 1.413826069
## 328	5e6i	1bd2 1.222729273
## 329	5e9d	1bd2 0.828960601
## 330	5eu6	1bd2 0.938316170
## 331	5euo	1bd2 7.288693812
## 332	5hhm	1bd2 1.261751441
## 333	5hho	1bd2 0.978558117
## 334	5hyj	1bd2 1.038192976
## 335	5isz	1bd2 1.298893792
## 336	5jhd	1bd2 1.094447668
## 337	5jzi	1bd2 1.132796741
## 338	5ks9	1bd2 1.291636478
## 339	5ksa	1bd2 0.879952627
## 340	5ksb	1bd2 0.643776035
## 341	5men	1bd2 0.891599210
## 342	5nht	1bd2 1.221087957
## 343	5nme	1bd2 1.230066828
## 344	5nmf	1bd2 0.869662721
## 345	5nmg	1bd2 0.882124259
## 346	5nqk	1bd2 1.232601719
## 347	5tez	1bd2 3.525734676
## 348	5w1v	1bd2 3.100175968
## 349	5w1w	1bd2 3.288873492
## 350	5wkf	1bd2 0.803649510
## 351	5wkh	1bd2 0.719789182

## 352	5xot	1bd2 0.838440969
## 353	5xov	1bd2 0.783527628
## 354	5yxn	1bd2 0.952314970
## 355	5yxu	1bd2 0.938158355
## 356	6am5	1bd2 1.150955326
## 357	6amu	1bd2 0.958618648
## 358	6avf	1bd2 1.777303724
## 359	6avg	1bd2 1.065786287
## 360	6bj2	1bd2 1.615220707
## 361	6bj3	1bd2 0.752016361
## 362	6bj8	1bd2 0.753224442
## 363	6cql	1bd2 0.949191921
## 364	6cqn	1bd2 2.579798555
## 365	6cqq	1bd2 1.803546956
## 366	6cqr	1bd2 0.658321064
## 367	6d78	1bd2 1.147328843
## 368	6dfx	1bd2 3.140509777
## 369	6dkp	1bd2 1.132425419
## 370	6dxl	1bd2 2.037219751
## 371	6eqa	1bd2 0.818804851
## 372	6eqb	1bd2 0.818285887
## 373	6mtm	1bd2 0.911802200
## 374	6p64	1bd2 2.782619685
## 375	6px6	1bd2 0.585052441
## 376	6py2	1bd2 0.708214281
## 377	6q3s	1bd2 1.064100406
## 378	6r2l	1bd2 0.527586946
## 379	6rp9	1bd2 0.941087957
## 380	6rpa	1bd2 0.741427779
## 381	6rpb	1bd2 0.972900545
## 382	6rsy	1bd2 0.960827798
## 383	6tmo	1bd2 0.733104853
## 384	6tro	1bd2 1.489353849
## 385	6u3n	1bd2 0.668806197
## 386	6u3o	1bd2 1.923466183
## 387	6uon	1bd2 1.040435031
## 388	6vm7	1bd2 0.930137420
## 389	6vm8	1bd2 0.883503962
## 390	6vma	1bd2 1.110148692
## 391	6vmc	1bd2 1.221506463
## 392	6vmx	1bd2 1.124280456
## 393	6vqo	1bd2 0.923438260
## 394	6vrm	1bd2 1.537889883
## 395	6vrn	1bd2 0.970761450
## 396	7n1e	1bd2 0.540013068
## 397	7n1f	1bd2 0.583062942
## 398	7n6e	1bd2 0.732582384
## 399	6xc9	1bd2 0.946618003
## 400	6xco	1bd2 0.745592793
## 401	6xcp	1bd2 2.773683900
## 402	6zkw	1bd2 0.951403426
## 403	6zlx	1bd2 1.043177016
## 404	6zky	1bd2 0.949627602
## 405	6zkl	1bd2 0.970004613

## 406	7dzm	1bd2 1.219121660
## 407	7dzn	1bd2 0.939472302
## 408	7rm4	1bd2 1.244404419
## 409	7rtr	1bd2 0.536022623
## 410	7l1d	1bd2 1.192858303
## 411	7sg0	1bd2 1.502456351
## 412	7sg1	1bd2 0.970932386
## 413	7sg2	1bd2 0.968331768
## 414	7rrg	1bd2 0.954495407
## 415	7n2s	1bd2 0.991683984
## 416	7n2n	1bd2 1.012320798
## 417	7n2o	1bd2 0.608091286
## 418	7n2r	1bd2 0.888794172
## 419	7n2p	1bd2 0.891169154
## 420	7n2q	1bd2 0.994396570
## 421	8cx4	1bd2 0.453233451
## 422	8VCX	1bd2 2.553046667
## 423	8VCY	1bd2 0.818065942
## 424	8VD0	1bd2 0.718401539
## 425	8VD2	1bd2 1.116471438
## 426	6XCP	1bd2 2.774133172
## 427	6XC0	1bd2 0.745597158
## 428	6XC9	1bd2 0.944623601
## 429	1ao7	1fyf 0.774068849
## 430	1bd2	1fyf 0.803613983
## 431	1fyf	1fyf 0.000000000
## 432	1j8h	1fyf 0.870448602
## 433	1mi5	1fyf 0.836173562
## 434	1oga	1fyf 0.770850712
## 435	1qrn	1fyf 0.750446807
## 436	1qse	1fyf 1.213220527
## 437	1qsf	1fyf 0.743004243
## 438	1zgl	1fyf 1.113175428
## 439	2ak4	1fyf 0.885022769
## 440	2bnq	1fyf 1.102649972
## 441	2bnr	1fyf 1.239628623
## 442	2esv	1fyf 0.634830555
## 443	2f53	1fyf 0.694854197
## 444	2f54	1fyf 1.482577196
## 445	2gj6	1fyf 0.983843751
## 446	2iam	1fyf 3.194562087
## 447	2ian	1fyf 0.858166545
## 448	2nx5	1fyf 0.831132670
## 449	2p5e	1fyf 0.702954407
## 450	2p5w	1fyf 0.704087851
## 451	2pye	1fyf 1.000866472
## 452	2vlj	1fyf 1.352757788
## 453	2vlk	1fyf 1.311616276
## 454	2vlr	1fyf 0.946237960
## 455	2xn9	1fyf 0.935180423
## 456	2ypl	1fyf 1.340689804
## 457	3d39	1fyf 0.785652914
## 458	3d3v	1fyf 0.752128611
## 459	3dxa	1fyf 1.174670144

## 460	3ffc	1fyf 1.135641879
## 461	3gsn	1fyf 0.996433349
## 462	3h9s	1fyf 0.784266253
## 463	3hg1	1fyf 0.821175014
## 464	3kpr	1fyf 0.976059664
## 465	3kps	1fyf 0.940625762
## 466	3kxf	1fyf 0.839619287
## 467	3mv7	1fyf 1.063244930
## 468	3mv8	1fyf 0.972047699
## 469	3mv9	1fyf 0.955186500
## 470	3o4l	1fyf 0.920947461
## 471	3pwp	1fyf 0.786164742
## 472	3qdg	1fyf 1.375736487
## 473	3qdj	1fyf 1.374185272
## 474	3qdm	1fyf 2.227032841
## 475	3qeq	1fyf 1.124310980
## 476	3qfj	1fyf 1.020650209
## 477	3sjv	1fyf 0.949436954
## 478	3uts	1fyf 1.054048464
## 479	3utt	1fyf 0.883189620
## 480	3vxm	1fyf 0.966047613
## 481	3vxr	1fyf 1.133642467
## 482	3vxs	1fyf 1.154988228
## 483	4c56	1fyf 0.852617561
## 484	4e41	1fyf 3.961562275
## 485	4eup	1fyf 0.985932415
## 486	4ftv	1fyf 1.016042006
## 487	4g8g	1fyf 1.241291014
## 488	4g9f	1fyf 0.934638298
## 489	4gg6	1fyf 1.242243176
## 490	4jfd	1fyf 0.826016814
## 491	4jfe	1fyf 0.827906673
## 492	4jff	1fyf 0.826585625
## 493	4jrx	1fyf 0.784353488
## 494	4jry	1fyf 1.288404611
## 495	4l3e	1fyf 1.269668363
## 496	4mji	1fyf 1.711764800
## 497	4mnq	1fyf 0.638914652
## 498	4ozf	1fyf 1.593463010
## 499	4ozg	1fyf 3.207285304
## 500	4ozh	1fyf 2.449886505
## 501	4ozi	1fyf 3.126022322
## 502	4prh	1fyf 0.956700912
## 503	4pri	1fyf 0.888907298
## 504	4prp	1fyf 0.959783387
## 505	4qok	1fyf 0.747235125
## 506	4qrp	1fyf 0.899088556
## 507	4y19	1fyf 1.586395357
## 508	4y1a	1fyf 1.028319945
## 509	4z7u	1fyf 1.663741011
## 510	4z7v	1fyf 1.437624029
## 511	4z7w	1fyf 0.699446822
## 512	5d2l	1fyf 0.907474461
## 513	5d2n	1fyf 0.862723292

## 514	1lp9	1fyf 0.610852326
## 515	1ymm	1fyf 1.522949967
## 516	2j8u	1fyf 0.611697752
## 517	2jcc	1fyf 0.612007977
## 518	2uwe	1fyf 0.610977536
## 519	2wbj	1fyf 1.006294061
## 520	3gjf	1fyf 0.974690350
## 521	3hae	1fyf 1.107748935
## 522	3nfj	1fyf 0.896862579
## 523	3o6f	1fyf 0.694911509
## 524	3pl6	1fyf 0.985290340
## 525	3t0e	1fyf 1.016841306
## 526	4euq	1fyf 1.268792821
## 527	4grl	1fyf 1.010383148
## 528	4h1l	1fyf 1.437096048
## 529	4may	1fyf 0.842753965
## 530	4p4k	1fyf 0.828980843
## 531	4qrr	1fyf 0.864942663
## 532	4wuu	1fyf 1.349768126
## 533	4zez	1fyf 1.408363795
## 534	5brz	1fyf 2.167412619
## 535	5bs0	1fyf 3.256397002
## 536	5c07	1fyf 1.215311850
## 537	5c08	1fyf 1.173412379
## 538	5c09	1fyf 0.883904555
## 539	5c0a	1fyf 1.459289517
## 540	5c0b	1fyf 0.887775720
## 541	5c0c	1fyf 1.616022302
## 542	5e6i	1fyf 1.169800809
## 543	5e9d	1fyf 0.921888777
## 544	5eu6	1fyf 0.990007528
## 545	5euo	1fyf 7.255560857
## 546	5hhm	1fyf 1.072636673
## 547	5hho	1fyf 1.319120021
## 548	5hyj	1fyf 1.153174769
## 549	5isz	1fyf 1.312902058
## 550	5jhd	1fyf 1.185031243
## 551	5jzi	1fyf 1.407906513
## 552	5ks9	1fyf 1.094168589
## 553	5ksa	1fyf 1.136727668
## 554	5ksb	1fyf 0.847571177
## 555	5men	1fyf 0.639309840
## 556	5nht	1fyf 1.484601260
## 557	5nme	1fyf 1.047701016
## 558	5nmf	1fyf 0.997943997
## 559	5nmg	1fyf 0.978270783
## 560	5nqk	1fyf 1.492012137
## 561	5tez	1fyf 3.775005348
## 562	5w1v	1fyf 3.185778872
## 563	5w1w	1fyf 3.319672419
## 564	5wkf	1fyf 0.917641248
## 565	5wkh	1fyf 0.684892097
## 566	5xot	1fyf 1.108232683
## 567	5xov	1fyf 0.896862579

## 568	5yxn	1fyt 0.976790116
## 569	5yxu	1fyt 0.991052522
## 570	6am5	1fyt 1.279363928
## 571	6amu	1fyt 1.201920793
## 572	6avf	1fyt 2.214607995
## 573	6avg	1fyt 1.099865041
## 574	6bj2	1fyt 1.760914902
## 575	6bj3	1fyt 1.165333041
## 576	6bj8	1fyt 1.165401900
## 577	6cql	1fyt 1.083974916
## 578	6cqn	1fyt 2.760741668
## 579	6cqq	1fyt 1.953196892
## 580	6cqr	1fyt 0.889969546
## 581	6d78	1fyt 1.270714405
## 582	6dfx	1fyt 2.949528835
## 583	6dkp	1fyt 1.262953929
## 584	6dxs	1fyt 1.931508854
## 585	6eqa	1fyt 0.822682747
## 586	6eqb	1fyt 0.828248341
## 587	6mtm	1fyt 1.052599712
## 588	6p64	1fyt 2.710992994
## 589	6px6	1fyt 0.655697572
## 590	6py2	1fyt 0.577032416
## 591	6q3s	1fyt 0.912363335
## 592	6r2l	1fyt 1.030878750
## 593	6rp9	1fyt 1.057614108
## 594	6rpa	1fyt 1.038572064
## 595	6rpb	1fyt 1.078985764
## 596	6rsy	1fyt 0.832388632
## 597	6tmo	1fyt 1.161598902
## 598	6tro	1fyt 0.979880710
## 599	6u3n	1fyt 0.764714508
## 600	6u3o	1fyt 2.162480574
## 601	6uon	1fyt 1.061541262
## 602	6vm7	1fyt 1.041379644
## 603	6vm8	1fyt 1.053506928
## 604	6vma	1fyt 0.794694603
## 605	6vmc	1fyt 1.118530626
## 606	6vmx	1fyt 1.291586880
## 607	6vqo	1fyt 0.653281857
## 608	6vrm	1fyt 1.814727097
## 609	6vrn	1fyt 1.052829322
## 610	7n1e	1fyt 0.840149406
## 611	7n1f	1fyt 0.742141024
## 612	7n6e	1fyt 0.898665286
## 613	6xc9	1fyt 1.228791558
## 614	6xco	1fyt 1.067303542
## 615	6xcp	1fyt 3.042086375
## 616	6zkw	1fyt 1.021391142
## 617	6zks	1fyt 0.884491129
## 618	6zky	1fyt 1.021683526
## 619	6zkz	1fyt 1.134081600
## 620	7dzm	1fyt 1.311713444
## 621	7dzn	1fyt 0.811788978

## 622	7rm4	1fyf	1.262159147
## 623	7rtr	1fyf	0.836303202
## 624	7l1d	1fyf	1.103547348
## 625	7sg0	1fyf	1.246470576
## 626	7sg1	1fyf	1.294397605
## 627	7sg2	1fyf	1.283671382
## 628	7rrg	1fyf	0.814737715
## 629	7n2s	1fyf	0.885783423
## 630	7n2n	1fyf	0.896696733
## 631	7n2o	1fyf	1.008890195
## 632	7n2r	1fyf	1.169625210
## 633	7n2p	1fyf	1.299218072
## 634	7n2q	1fyf	1.141349581
## 635	8cx4	1fyf	0.809969331
## 636	8VCX	1fyf	2.534691479
## 637	8VCY	1fyf	0.998294778
## 638	8VD0	1fyf	0.712014815
## 639	8VD2	1fyf	0.761359029
## 640	6XCP	1fyf	3.041176736
## 641	6XC0	1fyf	1.067831215
## 642	6XC9	1fyf	1.228076828
## 643	1ao7	1j8h	0.958630113
## 644	1bd2	1j8h	1.329957602
## 645	1fyf	1j8h	0.870448602
## 646	1j8h	1j8h	0.000000000
## 647	1mi5	1j8h	0.945063465
## 648	1oga	1j8h	1.263828258
## 649	1qrn	1j8h	0.815615058
## 650	1qse	1j8h	0.916157478
## 651	1qsf	1j8h	0.811983605
## 652	1zgl	1j8h	1.256373054
## 653	2ak4	1j8h	1.078322831
## 654	2bnq	1j8h	1.010885325
## 655	2bnr	1j8h	1.285513955
## 656	2esv	1j8h	1.020468869
## 657	2f53	1j8h	1.188800246
## 658	2f54	1j8h	1.478149037
## 659	2gj6	1j8h	0.683080376
## 660	2iam	1j8h	3.240542983
## 661	2ian	1j8h	0.941232997
## 662	2nx5	1j8h	0.979938404
## 663	2p5e	1j8h	1.194957158
## 664	2p5w	1j8h	1.196183042
## 665	2pye	1j8h	1.501544662
## 666	2vlj	1j8h	1.680508702
## 667	2vlk	1j8h	1.312121910
## 668	2vlr	1j8h	1.091961439
## 669	2xn9	1j8h	1.086624362
## 670	2yp1	1j8h	1.387584566
## 671	3d39	1j8h	0.977964090
## 672	3d3v	1j8h	1.231850851
## 673	3dxa	1j8h	1.362420307
## 674	3ffc	1j8h	1.393442341
## 675	3gsn	1j8h	1.171150022

## 676	3h9s	1j8h 0.979683536
## 677	3hg1	1j8h 0.938444291
## 678	3kpr	1j8h 1.128337952
## 679	3kps	1j8h 1.451655382
## 680	3kxf	1j8h 1.015483159
## 681	3mv7	1j8h 1.457959755
## 682	3mv8	1j8h 1.118499019
## 683	3mv9	1j8h 1.239112668
## 684	3o4l	1j8h 1.099622890
## 685	3pwp	1j8h 0.977204104
## 686	3qdg	1j8h 1.172552824
## 687	3qdj	1j8h 1.170824542
## 688	3qdm	1j8h 2.123181905
## 689	3qeq	1j8h 1.208502710
## 690	3qfj	1j8h 1.123733397
## 691	3sjv	1j8h 1.026763995
## 692	3uts	1j8h 0.933050719
## 693	3utt	1j8h 0.955474219
## 694	3vxm	1j8h 1.399071164
## 695	3vxr	1j8h 1.527486092
## 696	3vxs	1j8h 1.605768696
## 697	4c56	1j8h 0.927303370
## 698	4e4l	1j8h 3.796470146
## 699	4eup	1j8h 1.131069525
## 700	4ftv	1j8h 1.452934821
## 701	4g8g	1j8h 1.791597720
## 702	4g9f	1j8h 0.951724807
## 703	4gg6	1j8h 1.557845576
## 704	4jfd	1j8h 0.937938744
## 705	4jfe	1j8h 0.938790124
## 706	4jff	1j8h 0.935798322
## 707	4jrx	1j8h 1.326358203
## 708	4jry	1j8h 1.690055720
## 709	4l3e	1j8h 1.444166066
## 710	4mji	1j8h 1.896389584
## 711	4mnq	1j8h 1.161681418
## 712	4ozf	1j8h 1.734723713
## 713	4ozg	1j8h 3.082978585
## 714	4ozh	1j8h 2.449630281
## 715	4ozi	1j8h 2.961393056
## 716	4prh	1j8h 1.464000596
## 717	4pri	1j8h 1.367470883
## 718	4prp	1j8h 1.447813054
## 719	4qok	1j8h 0.684928945
## 720	4qrp	1j8h 1.066550912
## 721	4y19	1j8h 2.016980459
## 722	4y1a	1j8h 1.332747487
## 723	4z7u	1j8h 1.609229242
## 724	4z7v	1j8h 1.518414717
## 725	4z7w	1j8h 1.006478331
## 726	5d2l	1j8h 1.002020904
## 727	5d2n	1j8h 0.976423835
## 728	1lp9	1j8h 0.903717705
## 729	1ymm	1j8h 1.783672826

## 730	2j8u	1j8h 0.904842578
## 731	2jcc	1j8h 0.904151586
## 732	2uwe	1j8h 0.904008524
## 733	2wbj	1j8h 1.118791801
## 734	3gjf	1j8h 1.162595911
## 735	3hae	1j8h 1.189402393
## 736	3nfj	1j8h 1.026691096
## 737	3o6f	1j8h 0.934501069
## 738	3pl6	1j8h 1.048709224
## 739	3t0e	1j8h 1.282541182
## 740	4euq	1j8h 1.438685658
## 741	4grl	1j8h 1.085693290
## 742	4h1l	1j8h 1.683098761
## 743	4may	1j8h 1.414113875
## 744	4p4k	1j8h 0.850888853
## 745	4qrr	1j8h 1.303441761
## 746	4wuu	1j8h 1.483449721
## 747	4zez	1j8h 1.616826599
## 748	5brz	1j8h 2.092368796
## 749	5bs0	1j8h 3.212129026
## 750	5c07	1j8h 1.224714676
## 751	5c08	1j8h 1.191576103
## 752	5c09	1j8h 0.949982159
## 753	5c0a	1j8h 1.625212231
## 754	5c0b	1j8h 1.179838713
## 755	5c0c	1j8h 1.591866672
## 756	5e6i	1j8h 1.181185797
## 757	5e9d	1j8h 1.245014491
## 758	5eu6	1j8h 1.092346059
## 759	5euo	1j8h 7.128690141
## 760	5hhm	1j8h 1.069241739
## 761	5hho	1j8h 1.541101721
## 762	5hyj	1j8h 1.139174300
## 763	5isz	1j8h 1.244598248
## 764	5jhd	1j8h 1.171735786
## 765	5jzi	1j8h 1.616641412
## 766	5ks9	1j8h 1.328342987
## 767	5ksa	1j8h 1.421669777
## 768	5ksb	1j8h 1.181658595
## 769	5men	1j8h 1.161114639
## 770	5nht	1j8h 1.610734875
## 771	5nme	1j8h 0.855347997
## 772	5nmf	1j8h 0.981719378
## 773	5nmg	1j8h 1.022197482
## 774	5nqk	1j8h 1.618872412
## 775	5tez	1j8h 3.721176122
## 776	5w1v	1j8h 3.178408912
## 777	5w1w	1j8h 3.272743443
## 778	5wkf	1j8h 1.259746499
## 779	5wkh	1j8h 0.786998632
## 780	5xot	1j8h 1.644089663
## 781	5xov	1j8h 1.026691096
## 782	5yxn	1j8h 1.197600392
## 783	5yxu	1j8h 1.137124539

## 784	6am5	1j8h 1.460839713
## 785	6amu	1j8h 1.403560228
## 786	6avf	1j8h 2.432264815
## 787	6avg	1j8h 1.318226472
## 788	6bj2	1j8h 2.053463627
## 789	6bj3	1j8h 1.681823875
## 790	6bj8	1j8h 1.682193421
## 791	6cql	1j8h 1.295950745
## 792	6cqn	1j8h 2.768173318
## 793	6cqq	1j8h 1.981506194
## 794	6cqr	1j8h 1.192746310
## 795	6d78	1j8h 1.455379616
## 796	6dfx	1j8h 2.777901010
## 797	6dkp	1j8h 1.442271493
## 798	6dxf	1j8h 1.768223384
## 799	6eqa	1j8h 0.938823518
## 800	6eqb	1j8h 0.942148218
## 801	6mtm	1j8h 1.216059074
## 802	6p64	1j8h 2.611816509
## 803	6px6	1j8h 1.254866380
## 804	6py2	1j8h 0.970847005
## 805	6q3s	1j8h 0.998894916
## 806	6r2l	1j8h 1.391689714
## 807	6rp9	1j8h 1.279344480
## 808	6rpa	1j8h 1.465005459
## 809	6rpb	1j8h 1.085342784
## 810	6rsy	1j8h 0.851478008
## 811	6tmo	1j8h 1.420276651
## 812	6tro	1j8h 0.948643814
## 813	6u3n	1j8h 1.172958552
## 814	6u3o	1j8h 2.258057206
## 815	6uon	1j8h 0.984730683
## 816	6vm7	1j8h 1.331987483
## 817	6vm8	1j8h 1.360162321
## 818	6vma	1j8h 0.956692478
## 819	6vmc	1j8h 1.337452729
## 820	6vmx	1j8h 1.530058355
## 821	6vqo	1j8h 0.752110122
## 822	6vrm	1j8h 1.932203174
## 823	6vrn	1j8h 1.210205348
## 824	7n1e	1j8h 1.226021789
## 825	7n1f	1j8h 1.154230792
## 826	7n6e	1j8h 1.109915880
## 827	6xc9	1j8h 1.478915805
## 828	6xco	1j8h 1.613237650
## 829	6xcp	1j8h 3.119342495
## 830	6zkw	1j8h 1.454673183
## 831	6zky	1j8h 1.066157568
## 832	6zky	1j8h 1.456646708
## 833	6zkz	1j8h 1.530152043
## 834	7dzm	1j8h 1.410848898
## 835	7dzn	1j8h 0.966172002
## 836	7rm4	1j8h 1.286519751
## 837	7rtr	1j8h 1.236074117

## 838	7l1d	1j8h 1.285097025
## 839	7sg0	1j8h 1.322000234
## 840	7sg1	1j8h 1.576467703
## 841	7sg2	1j8h 1.567714733
## 842	7rrg	1j8h 0.906007788
## 843	7n2s	1j8h 0.849313322
## 844	7n2n	1j8h 0.832138390
## 845	7n2o	1j8h 1.436879175
## 846	7n2r	1j8h 1.579590526
## 847	7n2p	1j8h 1.540708796
## 848	7n2q	1j8h 1.219368945
## 849	8cx4	1j8h 1.330157704
## 850	8VCX	1j8h 2.564181752
## 851	8VCY	1j8h 1.063198951
## 852	8VD0	1j8h 1.008386212
## 853	8VD2	1j8h 1.014673340
## 854	6XCP	1j8h 3.118983511
## 855	6XC0	1j8h 1.613639620
## 856	6XC9	1j8h 1.480331438
## 857	1ao7	1mi5 0.966597742
## 858	1bd2	1mi5 0.968293507
## 859	1fyt	1mi5 0.836173562
## 860	1j8h	1mi5 0.945063465
## 861	1mi5	1mi5 0.000000000
## 862	1oga	1mi5 0.811220224
## 863	1qrn	1mi5 1.041161981
## 864	1qse	1mi5 1.226049104
## 865	1qsf	1mi5 1.036500883
## 866	1zgl	1mi5 1.134659910
## 867	2ak4	1mi5 0.910440411
## 868	2bnq	1mi5 0.975106108
## 869	2bnr	1mi5 1.095853888
## 870	2esv	1mi5 0.860656511
## 871	2f53	1mi5 1.037331589
## 872	2f54	1mi5 1.559929796
## 873	2gj6	1mi5 0.884923227
## 874	2iam	1mi5 3.121172871
## 875	2ian	1mi5 0.826864941
## 876	2nx5	1mi5 0.906260828
## 877	2p5e	1mi5 1.040241555
## 878	2p5w	1mi5 1.042817832
## 879	2pye	1mi5 1.234849742
## 880	2vlj	1mi5 1.510085554
## 881	2vlk	1mi5 1.450355941
## 882	2vlr	1mi5 0.979934530
## 883	2xn9	1mi5 0.887181166
## 884	2yp1	1mi5 1.226064862
## 885	3d39	1mi5 0.520390193
## 886	3d3v	1mi5 0.833225199
## 887	3dxa	1mi5 1.202227090
## 888	3ffc	1mi5 1.098185862
## 889	3gsn	1mi5 0.831392306
## 890	3h9s	1mi5 0.523762898
## 891	3hg1	1mi5 0.839590281

## 892	3kpr	1mi5 1.055783018
## 893	3kps	1mi5 1.170049733
## 894	3kxf	1mi5 0.877371827
## 895	3mv7	1mi5 1.097280636
## 896	3mv8	1mi5 0.860426267
## 897	3mv9	1mi5 1.031141670
## 898	3o4l	1mi5 1.028095533
## 899	3pwp	1mi5 0.519011269
## 900	3qdg	1mi5 1.419564031
## 901	3qdj	1mi5 1.419212411
## 902	3qdm	1mi5 2.289918612
## 903	3qeq	1mi5 0.965153161
## 904	3qfj	1mi5 0.946046940
## 905	3sjv	1mi5 1.001274153
## 906	3uts	1mi5 1.079492647
## 907	3utt	1mi5 0.638710258
## 908	3vxm	1mi5 1.201446814
## 909	3vxr	1mi5 0.924236335
## 910	3vxs	1mi5 1.353543442
## 911	4c56	1mi5 0.720472120
## 912	4e4l	1mi5 4.046621550
## 913	4eup	1mi5 1.033850737
## 914	4ftv	1mi5 1.166508574
## 915	4g8g	1mi5 1.221463504
## 916	4g9f	1mi5 0.709317588
## 917	4gg6	1mi5 1.146561589
## 918	4jfd	1mi5 0.845421491
## 919	4jfe	1mi5 0.844895737
## 920	4jff	1mi5 0.841974168
## 921	4jrx	1mi5 1.055269070
## 922	4jry	1mi5 1.276694455
## 923	4l3e	1mi5 1.115258725
## 924	4mji	1mi5 1.672816835
## 925	4mnq	1mi5 0.823504618
## 926	4ozf	1mi5 1.461073956
## 927	4ozg	1mi5 3.334298241
## 928	4ozh	1mi5 2.456745305
## 929	4ozi	1mi5 3.219781581
## 930	4prh	1mi5 0.933640731
## 931	4pri	1mi5 1.036096060
## 932	4prp	1mi5 0.942647215
## 933	4qok	1mi5 0.736194640
## 934	4qrp	1mi5 0.929611272
## 935	4y19	1mi5 1.443918028
## 936	4y1a	1mi5 1.038802343
## 937	4z7u	1mi5 1.659876130
## 938	4z7v	1mi5 1.368729207
## 939	4z7w	1mi5 0.819292282
## 940	5d2l	1mi5 0.873474770
## 941	5d2n	1mi5 0.940004299
## 942	1lp9	1mi5 0.768770252
## 943	1ymm	1mi5 1.139473378
## 944	2j8u	1mi5 0.770853985
## 945	2jcc	1mi5 0.771275335

## 946	2uwe	1mi5 0.770040430
## 947	2wbj	1mi5 0.987340044
## 948	3gjf	1mi5 0.973231091
## 949	3hae	1mi5 1.188923993
## 950	3nfj	1mi5 0.801557908
## 951	3o6f	1mi5 0.819797556
## 952	3pl6	1mi5 0.627808702
## 953	3t0e	1mi5 0.860883032
## 954	4euq	1mi5 1.065150138
## 955	4grl	1mi5 0.896483985
## 956	4h1l	1mi5 1.375095495
## 957	4may	1mi5 0.962704127
## 958	4p4k	1mi5 0.752970300
## 959	4qrr	1mi5 0.732949984
## 960	4wuu	1mi5 1.214286106
## 961	4zez	1mi5 1.306427203
## 962	5brz	1mi5 2.392003132
## 963	5bs0	1mi5 3.457344940
## 964	5c07	1mi5 1.121540758
## 965	5c08	1mi5 1.125059793
## 966	5c09	1mi5 0.636472010
## 967	5c0a	1mi5 1.549295235
## 968	5c0b	1mi5 0.901886284
## 969	5c0c	1mi5 1.552182509
## 970	5e6i	1mi5 1.163496650
## 971	5e9d	1mi5 1.162581885
## 972	5eu6	1mi5 0.520108420
## 973	5euo	1mi5 7.280595066
## 974	5hhm	1mi5 1.162362791
## 975	5hho	1mi5 1.294756686
## 976	5hyj	1mi5 1.071135949
## 977	5isz	1mi5 1.219984414
## 978	5jhd	1mi5 1.125406998
## 979	5jzi	1mi5 1.305849727
## 980	5ks9	1mi5 1.117353488
## 981	5ksa	1mi5 0.929030096
## 982	5ksb	1mi5 0.880010978
## 983	5men	1mi5 0.824859655
## 984	5nht	1mi5 1.422414518
## 985	5nme	1mi5 0.978708958
## 986	5nmf	1mi5 1.066694222
## 987	5nmg	1mi5 0.851218402
## 988	5nqk	1mi5 1.429692337
## 989	5tez	1mi5 3.975033565
## 990	5w1v	1mi5 3.207442383
## 991	5w1w	1mi5 3.279821040
## 992	5wkf	1mi5 0.999380577
## 993	5wkh	1mi5 0.609224287
## 994	5xot	1mi5 1.173995495
## 995	5xov	1mi5 0.801557908
## 996	5yxn	1mi5 0.689623805
## 997	5yxu	1mi5 1.033921585
## 998	6am5	1mi5 1.124788450
## 999	6amu	1mi5 1.022036143

## 1000	6avf	1mi5 2.004999240
## 1001	6avg	1mi5 1.079292775
## 1002	6bj2	1mi5 1.938748114
## 1003	6bj3	1mi5 1.200912912
## 1004	6bj8	1mi5 1.201709728
## 1005	6cql	1mi5 0.837898531
## 1006	6cqn	1mi5 2.690416471
## 1007	6cqq	1mi5 1.967489460
## 1008	6cqr	1mi5 0.940149375
## 1009	6d78	1mi5 1.117332200
## 1010	6dfx	1mi5 2.978326567
## 1011	6dkp	1mi5 1.107325841
## 1012	6dxfl	1mi5 2.100681594
## 1013	6eqa	1mi5 0.840475201
## 1014	6eqb	1mi5 0.848409552
## 1015	6mtm	1mi5 0.702485339
## 1016	6p64	1mi5 2.750395995
## 1017	6px6	1mi5 0.838038744
## 1018	6py2	1mi5 0.878254078
## 1019	6q3s	1mi5 0.524466017
## 1020	6r2l	1mi5 0.983242182
## 1021	6rp9	1mi5 1.083716073
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## 1024	6rsy	1mi5 0.872099980
## 1025	6tmo	1mi5 1.223212672
## 1026	6tro	1mi5 1.164151060
## 1027	6u3n	1mi5 0.862293904
## 1028	6u3o	1mi5 2.189140505
## 1029	6uon	1mi5 0.908867358
## 1030	6vm7	1mi5 0.976656128
## 1031	6vm8	1mi5 0.975701530
## 1032	6vma	1mi5 0.851952540
## 1033	6vmc	1mi5 1.014913005
## 1034	6vmx	1mi5 1.307970966
## 1035	6vqo	1mi5 0.757196576
## 1036	6vrm	1mi5 2.061692438
## 1037	6vrn	1mi5 0.607818895
## 1038	7n1e	1mi5 1.112141668
## 1039	7n1f	1mi5 0.712955526
## 1040	7n6e	1mi5 0.984600574
## 1041	6xc9	1mi5 1.328008728
## 1042	6xco	1mi5 1.067578559
## 1043	6xcp	1mi5 3.146782449
## 1044	6zkw	1mi5 1.184556144
## 1045	6zku	1mi5 0.870151718
## 1046	6zky	1mi5 1.184751338
## 1047	6zkz	1mi5 1.094710600
## 1048	7dzm	1mi5 1.158075838
## 1049	7dzn	1mi5 0.688821436
## 1050	7rm4	1mi5 1.255763587
## 1051	7rtr	1mi5 0.995878124
## 1052	7l1d	1mi5 0.771962335
## 1053	7sg0	1mi5 1.272484100

## 1054	7sg1	1mi5 1.282396389
## 1055	7sg2	1mi5 1.275022919
## 1056	7rrg	1mi5 0.845584683
## 1057	7n2s	1mi5 0.784127189
## 1058	7n2n	1mi5 0.801320406
## 1059	7n2o	1mi5 1.181254096
## 1060	7n2r	1mi5 1.373193459
## 1061	7n2p	1mi5 1.131136250
## 1062	7n2q	1mi5 1.127360790
## 1063	8cx4	1mi5 1.043757203
## 1064	8VCX	1mi5 2.634370551
## 1065	8VCY	1mi5 0.873810850
## 1066	8VD0	1mi5 0.796697672
## 1067	8VD2	1mi5 0.895849986
## 1068	6XCP	1mi5 3.146625896
## 1069	6XC0	1mi5 1.066863087
## 1070	6XC9	1mi5 1.329405613
## 1071	1ao7	1oga 1.025532603
## 1072	1bd2	1oga 0.825066065
## 1073	1fyt	1oga 0.770850712
## 1074	1j8h	1oga 1.263828258
## 1075	1mi5	1oga 0.811220224
## 1076	1oga	1oga 0.000000000
## 1077	1qrn	1oga 1.145892675
## 1078	1qse	1oga 1.347972032
## 1079	1qsf	1oga 1.138036350
## 1080	1zgl	1oga 0.969097385
## 1081	2ak4	1oga 0.848636321
## 1082	2bnq	1oga 0.974116333
## 1083	2bnr	1oga 0.998093974
## 1084	2esv	1oga 0.780654890
## 1085	2f53	1oga 0.733760729
## 1086	2f54	1oga 1.578383102
## 1087	2gj6	1oga 1.175943444
## 1088	2iam	1oga 3.516087720
## 1089	2ian	1oga 0.772191568
## 1090	2nx5	1oga 0.799020563
## 1091	2p5e	1oga 0.738223254
## 1092	2p5w	1oga 0.740937980
## 1093	2pye	1oga 0.881164370
## 1094	2vlj	1oga 1.190422862
## 1095	2vlk	1oga 1.695482909
## 1096	2vlr	1oga 1.010311554
## 1097	2xn9	1oga 0.821102395
## 1098	2yp1	1oga 1.045005948
## 1099	3d39	1oga 0.660011587
## 1100	3d3v	1oga 0.304548286
## 1101	3dxa	1oga 1.153579846
## 1102	3ffc	1oga 1.090664250
## 1103	3gsn	1oga 0.797078444
## 1104	3h9s	1oga 0.658785280
## 1105	3hg1	1oga 0.790200999
## 1106	3kpr	1oga 0.955106213
## 1107	3kps	1oga 0.702522293

## 1108	3kxf	loga 0.756421066
## 1109	3mv7	loga 0.562401743
## 1110	3mv8	loga 1.156613747
## 1111	3mv9	loga 0.661399939
## 1112	3o4l	loga 1.244207689
## 1113	3pwp	loga 0.660103304
## 1114	3qdg	loga 1.483548098
## 1115	3qdj	loga 1.483082897
## 1116	3qdm	loga 2.277488391
## 1117	3qeq	loga 1.069075922
## 1118	3qfj	loga 0.950171802
## 1119	3sjv	loga 0.955132053
## 1120	3uts	loga 1.243332047
## 1121	3utt	loga 0.665865656
## 1122	3vxm	loga 0.946613123
## 1123	3vxr	loga 0.741034216
## 1124	3vxs	loga 0.947207237
## 1125	4c56	loga 0.705743737
## 1126	4e41	loga 4.125223976
## 1127	4eup	loga 0.872568866
## 1128	4ftv	loga 0.902605945
## 1129	4g8g	loga 0.883935222
## 1130	4g9f	loga 0.854807316
## 1131	4gg6	loga 1.156720899
## 1132	4jfd	loga 0.799943302
## 1133	4jfe	loga 0.800536693
## 1134	4jff	loga 0.799808592
## 1135	4jrx	loga 0.684536009
## 1136	4jry	loga 0.779354103
## 1137	4l3e	loga 0.974251066
## 1138	4mji	loga 1.616118275
## 1139	4mnq	loga 0.633845641
## 1140	4ozf	loga 1.468207826
## 1141	4ozg	loga 3.370415059
## 1142	4ozh	loga 2.382788277
## 1143	4ozi	loga 3.302975179
## 1144	4prh	loga 0.691688559
## 1145	4pri	loga 1.060076068
## 1146	4prp	loga 0.720467586
## 1147	4qok	loga 1.050347382
## 1148	4qrp	loga 0.677150425
## 1149	4y19	loga 0.965112345
## 1150	4y1a	loga 0.842232385
## 1151	4z7u	loga 1.732214176
## 1152	4z7v	loga 1.500654938
## 1153	4z7w	loga 0.677982195
## 1154	5d2l	loga 0.968081819
## 1155	5d2n	loga 0.755372604
## 1156	1lp9	loga 0.768440647
## 1157	1ymm	loga 1.225236309
## 1158	2j8u	loga 0.768757334
## 1159	2jcc	loga 0.770220567
## 1160	2uwe	loga 0.768429902
## 1161	2wbj	loga 1.020134049

## 1162	3gjf	loga 0.883689400
## 1163	3hae	loga 1.121268968
## 1164	3nfj	loga 0.801967763
## 1165	3o6f	loga 0.617932976
## 1166	3pl6	loga 1.036887033
## 1167	3t0e	loga 0.946089790
## 1168	4euq	loga 1.103289649
## 1169	4grl	loga 1.060572857
## 1170	4h1l	loga 1.458639474
## 1171	4may	loga 0.823398936
## 1172	4p4k	loga 0.888499698
## 1173	4qrr	loga 0.801630587
## 1174	4wuu	loga 1.026053871
## 1175	4zez	loga 1.329350528
## 1176	5brz	loga 2.394900540
## 1177	5bs0	loga 3.377580089
## 1178	5c07	loga 1.248354280
## 1179	5c08	loga 0.987997331
## 1180	5c09	loga 0.671726947
## 1181	5c0a	loga 1.488702724
## 1182	5c0b	loga 0.983182317
## 1183	5c0c	loga 1.511816221
## 1184	5e6i	loga 1.153971098
## 1185	5e9d	loga 0.773530494
## 1186	5eu6	loga 0.998958836
## 1187	5euo	loga 7.306936916
## 1188	5hhm	loga 1.273564410
## 1189	5hho	loga 1.253155139
## 1190	5hyj	loga 1.130097908
## 1191	5isz	loga 1.126628702
## 1192	5jhd	loga 1.313695503
## 1193	5jzi	loga 1.328744021
## 1194	5ks9	loga 1.075190480
## 1195	5ksa	loga 0.819005761
## 1196	5ksb	loga 0.727895177
## 1197	5men	loga 0.633872066
## 1198	5nht	loga 1.238218551
## 1199	5nme	loga 1.204355391
## 1200	5nmf	loga 1.145223655
## 1201	5nmg	loga 0.960604960
## 1202	5nqk	loga 1.240220967
## 1203	5tez	loga 3.820118680
## 1204	5w1v	loga 3.242094691
## 1205	5w1w	loga 3.402531399
## 1206	5wkf	loga 0.732019079
## 1207	5wkh	loga 0.741611321
## 1208	5xot	loga 0.847281299
## 1209	5xov	loga 0.801967763
## 1210	5yxn	loga 0.777035909
## 1211	5yxu	loga 0.793888000
## 1212	6am5	loga 0.977306205
## 1213	6amu	loga 1.052698467
## 1214	6avf	loga 1.872948970
## 1215	6avg	loga 0.850547875

## 1216	6bj2	loga 1.694442949
## 1217	6bj3	loga 1.119853751
## 1218	6bj8	loga 1.123572173
## 1219	6cql	loga 1.055794232
## 1220	6cqn	loga 3.122227276
## 1221	6cqq	loga 1.866776672
## 1222	6cqr	loga 0.917792200
## 1223	6d78	loga 0.979723530
## 1224	6dfx	loga 3.090387122
## 1225	6dkp	loga 0.975488382
## 1226	6dxfl	loga 2.117508164
## 1227	6eqa	loga 0.792282423
## 1228	6eqb	loga 0.802792198
## 1229	6mtm	loga 0.824554854
## 1230	6p64	loga 2.869171993
## 1231	6px6	loga 0.563290845
## 1232	6py2	loga 0.982257585
## 1233	6q3s	loga 0.781673177
## 1234	6r2l	loga 1.090246365
## 1235	6rp9	loga 1.003180159
## 1236	6rpa	loga 0.603783723
## 1237	6rpb	loga 1.110421417
## 1238	6rsy	loga 0.772347877
## 1239	6tmo	loga 1.244344699
## 1240	6tro	loga 1.189678870
## 1241	6u3n	loga 0.886683674
## 1242	6u3o	loga 2.069258581
## 1243	6uon	loga 1.046328005
## 1244	6vm7	loga 0.879374415
## 1245	6vm8	loga 0.864836078
## 1246	6vma	loga 0.766418823
## 1247	6vmc	loga 0.986502659
## 1248	6vmx	loga 1.131775798
## 1249	6vqo	loga 0.719300205
## 1250	6vrm	loga 1.998012828
## 1251	6vrn	loga 0.819227965
## 1252	7n1e	loga 1.074777928
## 1253	7n1f	loga 0.635808519
## 1254	7n6e	loga 0.861439940
## 1255	6xc9	loga 1.145763716
## 1256	6xco	loga 0.982322989
## 1257	6xcp	loga 3.405365661
## 1258	6zkw	loga 0.776357034
## 1259	6zkk	loga 0.713163895
## 1260	6zky	loga 0.776969164
## 1261	6zkz	loga 0.733595129
## 1262	7dzm	loga 1.488414518
## 1263	7dzn	loga 0.783162589
## 1264	7rm4	loga 1.234611743
## 1265	7rtr	loga 0.751271939
## 1266	7l1d	loga 0.692400841
## 1267	7sg0	loga 0.995589876
## 1268	7sg1	loga 1.166754978
## 1269	7sg2	loga 1.147949647

## 1270	7rrg	loga 0.877399075
## 1271	7n2s	loga 0.909378435
## 1272	7n2n	loga 0.906488204
## 1273	7n2o	loga 0.850659311
## 1274	7n2r	loga 1.074121992
## 1275	7n2p	loga 0.991897687
## 1276	7n2q	loga 1.060656794
## 1277	8cx4	loga 0.661671256
## 1278	8VCX	loga 2.852522307
## 1279	8VCY	loga 1.046326765
## 1280	8VD0	loga 0.756224326
## 1281	8VD2	loga 0.775765420
## 1282	6XCP	loga 3.405778059
## 1283	6XC0	loga 0.983370504
## 1284	6XC9	loga 1.146640257
## 1285	1ao7	1qrn 0.626118523
## 1286	1bd2	1qrn 1.220554453
## 1287	1fyt	1qrn 0.750446807
## 1288	1j8h	1qrn 0.815615058
## 1289	1mi5	1qrn 1.041161981
## 1290	loga	1qrn 1.145892675
## 1291	1qrn	1qrn 0.000000000
## 1292	1qse	1qrn 0.978912122
## 1293	1qsf	1qrn 0.052756316
## 1294	1zgl	1qrn 1.203626236
## 1295	2ak4	1qrn 1.019963351
## 1296	2bnq	1qrn 1.171849814
## 1297	2bnr	1qrn 1.445833281
## 1298	2esv	1qrn 0.603735854
## 1299	2f53	1qrn 0.982235023
## 1300	2f54	1qrn 1.497000439
## 1301	2gj6	1qrn 0.682253200
## 1302	2iam	1qrn 3.249845540
## 1303	2ian	1qrn 0.919206169
## 1304	2nx5	1qrn 0.920670489
## 1305	2p5e	1qrn 0.990910927
## 1306	2p5w	1qrn 0.991222845
## 1307	2pye	1qrn 1.373316623
## 1308	2vlj	1qrn 1.693609702
## 1309	2vlk	1qrn 0.899605838
## 1310	2vlr	1qrn 1.070163164
## 1311	2xn9	1qrn 1.079349697
## 1312	2yp1	1qrn 1.577994979
## 1313	3d39	1qrn 1.097117383
## 1314	3d3v	1qrn 1.084554467
## 1315	3dxa	1qrn 1.342208786
## 1316	3ffc	1qrn 1.304929165
## 1317	3gsn	1qrn 1.313483167
## 1318	3h9s	1qrn 1.097984264
## 1319	3hg1	1qrn 1.029867936
## 1320	3kpr	1qrn 1.144855211
## 1321	3kps	1qrn 1.333956738
## 1322	3kxf	1qrn 0.940194832
## 1323	3mv7	1qrn 1.303998219

## 1324	3mv8	1qrn 1.238116174
## 1325	3mv9	1qrn 0.996660298
## 1326	3o4l	1qrn 1.090935399
## 1327	3pwp	1qrn 1.097356885
## 1328	3qdg	1qrn 1.281425189
## 1329	3qdj	1qrn 1.279251816
## 1330	3qdm	1qrn 2.276965796
## 1331	3qeq	1qrn 1.393181834
## 1332	3qfj	1qrn 1.277061597
## 1333	3sjv	1qrn 0.999932203
## 1334	3uts	1qrn 0.939518756
## 1335	3utt	1qrn 1.010936808
## 1336	3vxm	1qrn 1.266474759
## 1337	3vxr	1qrn 1.572972647
## 1338	3vxs	1qrn 1.510123095
## 1339	4c56	1qrn 1.006101598
## 1340	4e4l	1qrn 3.810693708
## 1341	4eup	1qrn 1.126074266
## 1342	4ftv	1qrn 1.321403534
## 1343	4g8g	1qrn 1.679370383
## 1344	4g9f	1qrn 1.076242495
## 1345	4gg6	1qrn 1.504251349
## 1346	4jfd	1qrn 1.025543775
## 1347	4jfe	1qrn 1.027882606
## 1348	4jff	1qrn 1.024928263
## 1349	4jrx	1qrn 1.190896697
## 1350	4jry	1qrn 1.705614972
## 1351	4l3e	1qrn 1.538725872
## 1352	4mji	1qrn 1.766833941
## 1353	4mnq	1qrn 0.863807559
## 1354	4ozf	1qrn 1.894779928
## 1355	4ozg	1qrn 3.073114585
## 1356	4ozh	1qrn 2.489441006
## 1357	4ozi	1qrn 2.937759186
## 1358	4prh	1qrn 1.332712282
## 1359	4pri	1qrn 1.235558062
## 1360	4prp	1qrn 1.312968395
## 1361	4qok	1qrn 0.619044109
## 1362	4qrp	1qrn 0.996341384
## 1363	4y19	1qrn 1.962455895
## 1364	4y1a	1qrn 1.179368029
## 1365	4z7u	1qrn 1.605060192
## 1366	4z7v	1qrn 1.585194742
## 1367	4z7w	1qrn 0.906932126
## 1368	5d2l	1qrn 0.922116834
## 1369	5d2n	1qrn 0.992864135
## 1370	1lp9	1qrn 0.739344191
## 1371	1ymm	1qrn 1.785305342
## 1372	2j8u	1qrn 0.739718583
## 1373	2jcc	1qrn 0.738725343
## 1374	2uwe	1qrn 0.739323433
## 1375	2wbj	1qrn 1.177847494
## 1376	3gjf	1qrn 1.199178273
## 1377	3hae	1qrn 1.172228215

## 1378	3nfj	1qrn 1.069548980
## 1379	3o6f	1qrn 0.840974578
## 1380	3p16	1qrn 1.200029439
## 1381	3t0e	1qrn 1.335080375
## 1382	4euq	1qrn 1.456660674
## 1383	4gr1	1qrn 1.238953506
## 1384	4h11	1qrn 1.675918115
## 1385	4may	1qrn 1.253034677
## 1386	4p4k	1qrn 0.971823120
## 1387	4qrr	1qrn 1.303272516
## 1388	4wuu	1qrn 1.584630247
## 1389	4zez	1qrn 1.628720952
## 1390	5brz	1qrn 2.000467668
## 1391	5bs0	1qrn 3.198634732
## 1392	5c07	1qrn 1.322869696
## 1393	5c08	1qrn 1.301813646
## 1394	5c09	1qrn 1.005746007
## 1395	5c0a	1qrn 1.562977686
## 1396	5c0b	1qrn 1.017568994
## 1397	5c0c	1qrn 1.718479530
## 1398	5e6i	1qrn 1.150655891
## 1399	5e9d	1qrn 1.132084493
## 1400	5eu6	1qrn 1.183440731
## 1401	5euo	1qrn 7.051124479
## 1402	5hhm	1qrn 0.900847796
## 1403	5hho	1qrn 1.590364332
## 1404	5hyj	1qrn 1.233264592
## 1405	5isz	1qrn 1.419002813
## 1406	5jhd	1qrn 1.235755557
## 1407	5jzi	1qrn 1.628463607
## 1408	5ks9	1qrn 1.172255034
## 1409	5ksa	1qrn 1.521845916
## 1410	5ksb	1qrn 1.172058672
## 1411	5men	1qrn 0.863732191
## 1412	5nht	1qrn 1.740352070
## 1413	5nme	1qrn 0.890324111
## 1414	5nmf	1qrn 1.049942582
## 1415	5nmg	1qrn 1.113137636
## 1416	5nqk	1qrn 1.747356362
## 1417	5tez	1qrn 3.728629545
## 1418	5w1v	1qrn 3.149284157
## 1419	5w1w	1qrn 3.254681756
## 1420	5wkf	1qrn 1.189515060
## 1421	5wkh	1qrn 0.819518009
## 1422	5xot	1qrn 1.572901250
## 1423	5xov	1qrn 1.069548980
## 1424	5yxn	1qrn 1.274011360
## 1425	5yxu	1qrn 1.129879795
## 1426	6am5	1qrn 1.553333197
## 1427	6amu	1qrn 1.490168876
## 1428	6avf	1qrn 2.579671249
## 1429	6avg	1qrn 1.291299195
## 1430	6bj2	1qrn 1.955558968
## 1431	6bj3	1qrn 1.614992045

## 1432	6bj8	1qrn 1.612900463
## 1433	6cql	1qrn 1.379248729
## 1434	6cqn	1qrn 2.829165620
## 1435	6cqq	1qrn 2.048847648
## 1436	6cqr	1qrn 1.160987855
## 1437	6d78	1qrn 1.545122574
## 1438	6dfx	1qrn 2.806614290
## 1439	6dkp	1qrn 1.536347819
## 1440	6dxfl	1qrn 1.795368037
## 1441	6eqa	1qrn 1.030954727
## 1442	6eqb	1qrn 1.030832875
## 1443	6mtm	1qrn 1.330821474
## 1444	6p64	1qrn 2.552717495
## 1445	6px6	1qrn 1.087036624
## 1446	6py2	1qrn 0.912303715
## 1447	6q3s	1qrn 1.134782850
## 1448	6r2l	1qrn 1.338621363
## 1449	6rp9	1qrn 1.242617720
## 1450	6rpa	1qrn 1.435665771
## 1451	6rpb	1qrn 1.106038303
## 1452	6rsy	1qrn 0.867648048
## 1453	6tmo	1qrn 1.382852686
## 1454	6tro	1qrn 0.579745145
## 1455	6u3n	1qrn 1.121232415
## 1456	6u3o	1qrn 2.281261834
## 1457	6uon	1qrn 1.097454218
## 1458	6vm7	1qrn 1.340863334
## 1459	6vm8	1qrn 1.399702044
## 1460	6vma	1qrn 0.809923909
## 1461	6vmc	1qrn 1.284134560
## 1462	6vmx	1qrn 1.502221108
## 1463	6vqo	1qrn 0.628548805
## 1464	6vrm	1qrn 1.889266713
## 1465	6vrn	1qrn 1.355703123
## 1466	7n1e	1qrn 1.132273502
## 1467	7n1f	1qrn 1.078791788
## 1468	7n6e	1qrn 1.070954989
## 1469	6xc9	1qrn 1.420933424
## 1470	6xco	1qrn 1.510829202
## 1471	6xcp	1qrn 3.114261872
## 1472	6zkw	1qrn 1.398130877
## 1473	6zku	1qrn 1.104914767
## 1474	6zky	1qrn 1.400372668
## 1475	6zkz	1qrn 1.476904285
## 1476	7dzm	1qrn 1.466472016
## 1477	7dzn	1qrn 1.036210437
## 1478	7rm4	1qrn 1.295595259
## 1479	7rtr	1qrn 1.153284404
## 1480	7l1d	1qrn 1.328052422
## 1481	7sg0	1qrn 1.386524142
## 1482	7sg1	1qrn 1.561981577
## 1483	7sg2	1qrn 1.550849348
## 1484	7rrg	1qrn 0.889864366
## 1485	7n2s	1qrn 0.967173574

## 1486	7n2n	1qrn 0.956595228
## 1487	7n2o	1qrn 1.388948286
## 1488	7n2r	1qrn 1.460593958
## 1489	7n2p	1qrn 1.691372998
## 1490	7n2q	1qrn 1.268361597
## 1491	8cx4	1qrn 1.227402040
## 1492	8VCX	1qrn 2.519513919
## 1493	8VCY	1qrn 1.230920543
## 1494	8VD0	1qrn 0.857677099
## 1495	8VD2	1qrn 0.847404015
## 1496	6XCP	1qrn 3.113805082
## 1497	6XC0	1qrn 1.511625570
## 1498	6XC9	1qrn 1.422446426
## 1499	1ao7	1qse 1.124786908
## 1500	1bd2	1qse 1.429604571
## 1501	1fyt	1qse 1.213220527
## 1502	1j8h	1qse 0.916157478
## 1503	1mi5	1qse 1.226049104
## 1504	1oga	1qse 1.347972032
## 1505	1qrn	1qse 0.978912122
## 1506	1qse	1qse 0.000000000
## 1507	1qsf	1qse 0.977584680
## 1508	1zgl	1qse 1.201433760
## 1509	2ak4	1qse 1.152056840
## 1510	2bnq	1qse 0.722712267
## 1511	2bnr	1qse 1.106336497
## 1512	2esv	1qse 1.176554493
## 1513	2f53	1qse 1.179556862
## 1514	2f54	1qse 1.236428495
## 1515	2gj6	1qse 0.568683714
## 1516	2iam	1qse 3.466959503
## 1517	2ian	1qse 1.057188098
## 1518	2nx5	1qse 0.957226589
## 1519	2p5e	1qse 1.187295558
## 1520	2p5w	1qse 1.187399185
## 1521	2pye	1qse 1.516697037
## 1522	2vlj	1qse 1.458002555
## 1523	2vlk	1qse 1.458783083
## 1524	2vlr	1qse 0.964992881
## 1525	2xn9	1qse 1.094418747
## 1526	2yp1	1qse 1.166628962
## 1527	3d39	1qse 1.139257899
## 1528	3d3v	1qse 1.261033322
## 1529	3dxa	1qse 1.347587008
## 1530	3ffc	1qse 1.674513269
## 1531	3gsn	1qse 1.097010711
## 1532	3h9s	1qse 1.143481715
## 1533	3hg1	1qse 0.950436971
## 1534	3kpr	1qse 1.068310724
## 1535	3kps	1qse 1.494051228
## 1536	3kxf	1qse 1.062867860
## 1537	3mv7	1qse 1.429698577
## 1538	3mv8	1qse 1.361064187
## 1539	3mv9	1qse 1.183228298

## 1540	3o4l	1qse 1.327971658
## 1541	3pwp	1qse 1.139223715
## 1542	3qdg	1qse 0.510332545
## 1543	3qdj	1qse 0.506869745
## 1544	3qdm	1qse 1.625977809
## 1545	3qeq	1qse 1.110338819
## 1546	3qfj	1qse 1.006598704
## 1547	3sjv	1qse 0.917978180
## 1548	3uts	1qse 0.845900224
## 1549	3utt	1qse 1.077970898
## 1550	3vxm	1qse 1.309691575
## 1551	3vxr	1qse 1.757860583
## 1552	3vxs	1qse 1.521687184
## 1553	4c56	1qse 0.952375147
## 1554	4e41	1qse 3.791629044
## 1555	4eup	1qse 1.012067972
## 1556	4ftv	1qse 1.604302485
## 1557	4g8g	1qse 2.033931217
## 1558	4g9f	1qse 1.032386651
## 1559	4gg6	1qse 1.757478140
## 1560	4jfd	1qse 0.936060747
## 1561	4jfe	1qse 0.937924501
## 1562	4jff	1qse 0.937083247
## 1563	4jrx	1qse 1.333233177
## 1564	4jry	1qse 1.627270302
## 1565	4l3e	1qse 1.429316577
## 1566	4mji	1qse 2.084527186
## 1567	4mnq	1qse 1.329893016
## 1568	4ozf	1qse 1.624074401
## 1569	4ozg	1qse 2.889131856
## 1570	4ozh	1qse 2.189686673
## 1571	4ozi	1qse 2.865569552
## 1572	4prh	1qse 1.605716216
## 1573	4pri	1qse 1.685886286
## 1574	4prp	1qse 1.570227202
## 1575	4qok	1qse 1.047968646
## 1576	4qrp	1qse 1.050893078
## 1577	4y19	1qse 2.047390778
## 1578	4y1a	1qse 1.467978086
## 1579	4z7u	1qse 1.546838019
## 1580	4z7v	1qse 1.603241493
## 1581	4z7w	1qse 1.068695507
## 1582	5d2l	1qse 1.110852275
## 1583	5d2n	1qse 0.821116091
## 1584	1lp9	1qse 1.010480888
## 1585	1ymm	1qse 1.927994802
## 1586	2j8u	1qse 1.009803649
## 1587	2jcc	1qse 1.009507017
## 1588	2uwe	1qse 1.009611829
## 1589	2wbj	1qse 1.239603618
## 1590	3gjf	1qse 1.150038247
## 1591	3hae	1qse 1.136240628
## 1592	3nfj	1qse 1.010429192
## 1593	3o6f	1qse 0.901049390

## 1594	3pl6	1qse 1.458718117
## 1595	3t0e	1qse 1.521693376
## 1596	4euq	1qse 1.648626231
## 1597	4grl	1qse 1.168959764
## 1598	4h1l	1qse 1.784966784
## 1599	4may	1qse 1.704700311
## 1600	4p4k	1qse 0.955780237
## 1601	4qrr	1qse 1.621554517
## 1602	4wuu	1qse 1.273408962
## 1603	4zez	1qse 1.700821321
## 1604	5brz	1qse 1.586091259
## 1605	5bs0	1qse 2.652965147
## 1606	5c07	1qse 1.174389199
## 1607	5c08	1qse 0.936537295
## 1608	5c09	1qse 1.073167881
## 1609	5c0a	1qse 1.618639948
## 1610	5c0b	1qse 1.479354939
## 1611	5c0c	1qse 1.334341595
## 1612	5e6i	1qse 1.127073583
## 1613	5e9d	1qse 1.127401394
## 1614	5eu6	1qse 1.358875756
## 1615	5euo	1qse 6.854218751
## 1616	5hhm	1qse 1.150884364
## 1617	5hho	1qse 1.623383500
## 1618	5hyj	1qse 1.030776864
## 1619	5isz	1qse 0.850376582
## 1620	5jhd	1qse 1.273192134
## 1621	5jzi	1qse 1.700540963
## 1622	5ks9	1qse 1.585366025
## 1623	5ksa	1qse 1.507436633
## 1624	5ksb	1qse 1.265364408
## 1625	5men	1qse 1.327857222
## 1626	5nht	1qse 1.398542101
## 1627	5nme	1qse 0.875475870
## 1628	5nmf	1qse 0.879807624
## 1629	5nmg	1qse 1.092296877
## 1630	5nqk	1qse 1.406327447
## 1631	5tez	1qse 3.139292731
## 1632	5w1v	1qse 3.082475006
## 1633	5w1w	1qse 3.268328682
## 1634	5wkf	1qse 1.343865340
## 1635	5wkh	1qse 1.010959289
## 1636	5xot	1qse 1.850549806
## 1637	5xov	1qse 1.010429192
## 1638	5yxn	1qse 1.406322873
## 1639	5yxu	1qse 0.939163759
## 1640	6am5	1qse 1.446974249
## 1641	6amu	1qse 1.476401043
## 1642	6avf	1qse 2.327429988
## 1643	6avg	1qse 1.359514794
## 1644	6bj2	1qse 1.965827691
## 1645	6bj3	1qse 1.960939097
## 1646	6bj8	1qse 1.962742781
## 1647	6cql	1qse 1.652881938

## 1648	6cqn	1qse 3.108786656
## 1649	6cqq	1qse 1.741980162
## 1650	6cqr	1qse 1.298750783
## 1651	6d78	1qse 1.453071665
## 1652	6dfx	1qse 2.761316452
## 1653	6dkp	1qse 1.437084484
## 1654	6dxs	1qse 1.325600936
## 1655	6eqa	1qse 0.952133166
## 1656	6eqb	1qse 0.941127639
## 1657	6mtm	1qse 1.310915607
## 1658	6p64	1qse 2.512318634
## 1659	6px6	1qse 1.373790195
## 1660	6py2	1qse 1.325907013
## 1661	6q3s	1qse 1.256932549
## 1662	6r2l	1qse 1.408107983
## 1663	6rp9	1qse 1.354405000
## 1664	6rpa	1qse 1.436510688
## 1665	6rpb	1qse 1.008561890
## 1666	6rsy	1qse 0.816335346
## 1667	6tmo	1qse 1.287568550
## 1668	6tro	1qse 0.971936922
## 1669	6u3n	1qse 1.436428283
## 1670	6u3o	1qse 2.036286009
## 1671	6uon	1qse 0.852727664
## 1672	6vm7	1qse 1.459487483
## 1673	6vm8	1qse 1.471143078
## 1674	6vma	1qse 0.993232161
## 1675	6vmc	1qse 1.398077856
## 1676	6vmx	1qse 1.524330922
## 1677	6vqo	1qse 0.813361749
## 1678	6vrm	1qse 1.603081731
## 1679	6vrn	1qse 1.415253725
## 1680	7n1e	1qse 1.305256476
## 1681	7n1f	1qse 1.226566251
## 1682	7n6e	1qse 1.053160952
## 1683	6xc9	1qse 1.324155749
## 1684	6xco	1qse 1.872006803
## 1685	6xcp	1qse 3.175073728
## 1686	6zkw	1qse 1.528831579
## 1687	6zks	1qse 1.255129103
## 1688	6zky	1qse 1.531798813
## 1689	6zkz	1qse 1.460299346
## 1690	7dzm	1qse 1.678572202
## 1691	7dzn	1qse 1.166085373
## 1692	7rm4	1qse 1.224950021
## 1693	7rtr	1qse 1.116765210
## 1694	7l1d	1qse 1.427766478
## 1695	7sg0	1qse 1.154844623
## 1696	7sg1	1qse 1.600083005
## 1697	7sg2	1qse 1.584210578
## 1698	7rrg	1qse 0.835815072
## 1699	7n2s	1qse 0.902141485
## 1700	7n2n	1qse 0.867455187
## 1701	7n2o	1qse 1.329943701

## 1702	7n2r	1qse 1.533999203
## 1703	7n2p	1qse 1.517851606
## 1704	7n2q	1qse 1.139542062
## 1705	8cx4	1qse 1.333142401
## 1706	8VCX	1qse 2.818898928
## 1707	8VCY	1qse 1.149328998
## 1708	8VD0	1qse 1.135541375
## 1709	8VD2	1qse 1.137416601
## 1710	6XCP	1qse 3.175466728
## 1711	6XC0	1qse 1.871593486
## 1712	6XC9	1qse 1.324315349
## 1713	1ao7	1qsf 0.619610966
## 1714	1bd2	1qsf 1.214731165
## 1715	1fyt	1qsf 0.743004243
## 1716	1j8h	1qsf 0.811983605
## 1717	1mi5	1qsf 1.036500883
## 1718	1oga	1qsf 1.138036350
## 1719	1qrn	1qsf 0.052756316
## 1720	1qse	1qsf 0.977584680
## 1721	1qsf	1qsf 0.000000000
## 1722	1zgl	1qsf 1.199918683
## 1723	2ak4	1qsf 1.017385197
## 1724	2bnq	1qsf 1.164594315
## 1725	2bnr	1qsf 1.437327179
## 1726	2esv	1qsf 0.601228733
## 1727	2f53	1qsf 0.972958433
## 1728	2f54	1qsf 1.496126114
## 1729	2gj6	1qsf 0.682131660
## 1730	2iam	1qsf 3.252689910
## 1731	2ian	1qsf 0.914957161
## 1732	2nx5	1qsf 0.918119753
## 1733	2p5e	1qsf 0.981650803
## 1734	2p5w	1qsf 0.981970361
## 1735	2pye	1qsf 1.363958628
## 1736	2vlj	1qsf 1.684581868
## 1737	2vlk	1qsf 0.911628789
## 1738	2vlr	1qsf 1.070099840
## 1739	2xn9	1qsf 1.073819867
## 1740	2ypl	1qsf 1.568084614
## 1741	3d39	1qsf 1.085814998
## 1742	3d3v	1qsf 1.077525016
## 1743	3dxa	1qsf 1.340091951
## 1744	3ffc	1qsf 1.299305528
## 1745	3gsn	1qsf 1.305185134
## 1746	3h9s	1qsf 1.087338878
## 1747	3hg1	1qsf 1.018687389
## 1748	3kpr	1qsf 1.138758356
## 1749	3kps	1qsf 1.322222389
## 1750	3kxf	1qsf 0.937503597
## 1751	3mv7	1qsf 1.298730080
## 1752	3mv8	1qsf 1.228701120
## 1753	3mv9	1qsf 0.995202788
## 1754	3o4l	1qsf 1.082076692
## 1755	3pwp	1qsf 1.086798962

## 1756	3qdg	1qsf 1.279527885
## 1757	3qdj	1qsf 1.277348184
## 1758	3qdm	1qsf 2.272952965
## 1759	3qeq	1qsf 1.385170503
## 1760	3qfj	1qsf 1.266982242
## 1761	3sjv	1qsf 0.998761303
## 1762	3uts	1qsf 0.940325798
## 1763	3utt	1qsf 1.006229807
## 1764	3vxm	1qsf 1.260400432
## 1765	3vxr	1qsf 1.563619415
## 1766	3vxs	1qsf 1.502107760
## 1767	4c56	1qsf 1.000492691
## 1768	4e41	1qsf 3.813677763
## 1769	4eup	1qsf 1.121527846
## 1770	4ftv	1qsf 1.311948436
## 1771	4g8g	1qsf 1.671182578
## 1772	4g9f	1qsf 1.068312209
## 1773	4gg6	1qsf 1.499663233
## 1774	4jfd	1qsf 1.014552593
## 1775	4jfe	1qsf 1.016819269
## 1776	4jff	1qsf 1.013861268
## 1777	4jrx	1qsf 1.182482810
## 1778	4jry	1qsf 1.695917303
## 1779	4l3e	1qsf 1.530473365
## 1780	4mji	1qsf 1.764659909
## 1781	4mnq	1qsf 0.860023973
## 1782	4ozf	1qsf 1.886827986
## 1783	4ozg	1qsf 3.075358882
## 1784	4ozh	1qsf 2.486399981
## 1785	4ozi	1qsf 2.940805342
## 1786	4prh	1qsf 1.328051204
## 1787	4pri	1qsf 1.226601760
## 1788	4prp	1qsf 1.309393230
## 1789	4qok	1qsf 0.609192148
## 1790	4qrp	1qsf 0.991375205
## 1791	4y19	1qsf 1.953236858
## 1792	4y1a	1qsf 1.170173724
## 1793	4z7u	1qsf 1.605489764
## 1794	4z7v	1qsf 1.581595083
## 1795	4z7w	1qsf 0.902492605
## 1796	5d2l	1qsf 0.923267689
## 1797	5d2n	1qsf 0.986990088
## 1798	1lp9	1qsf 0.737587322
## 1799	1ymm	1qsf 1.777374253
## 1800	2j8u	1qsf 0.737989470
## 1801	2jcc	1qsf 0.736989901
## 1802	2uwe	1qsf 0.737568966
## 1803	2wbj	1qsf 1.172308794
## 1804	3gjf	1qsf 1.194143321
## 1805	3hae	1qsf 1.169158370
## 1806	3nfj	1qsf 1.066113293
## 1807	3o6f	1qsf 0.837880749
## 1808	3p16	1qsf 1.196398295
## 1809	3t0e	1qsf 1.329413573

## 1810	4euq	1qsf 1.452479687
## 1811	4grl	1qsf 1.229236111
## 1812	4h1l	1qsf 1.671969522
## 1813	4may	1qsf 1.244000485
## 1814	4p4k	1qsf 0.965971509
## 1815	4qrr	1qsf 1.292709988
## 1816	4wuu	1qsf 1.577443749
## 1817	4zez	1qsf 1.626120343
## 1818	5brz	1qsf 2.003823751
## 1819	5bs0	1qsf 3.199142215
## 1820	5c07	1qsf 1.320894243
## 1821	5c08	1qsf 1.296411663
## 1822	5c09	1qsf 1.001146482
## 1823	5c0a	1qsf 1.559901340
## 1824	5c0b	1qsf 1.015071587
## 1825	5c0c	1qsf 1.714948406
## 1826	5e6i	1qsf 1.150482489
## 1827	5e9d	1qsf 1.124002685
## 1828	5eu6	1qsf 1.180706192
## 1829	5euo	1qsf 7.053695655
## 1830	5hhm	1qsf 0.901975032
## 1831	5hho	1qsf 1.581862849
## 1832	5hyj	1qsf 1.230589047
## 1833	5isz	1qsf 1.411291499
## 1834	5jhd	1qsf 1.233013418
## 1835	5jzi	1qsf 1.625858611
## 1836	5ks9	1qsf 1.170013929
## 1837	5ksa	1qsf 1.510677583
## 1838	5ksb	1qsf 1.166542996
## 1839	5men	1qsf 0.859966002
## 1840	5nht	1qsf 1.732137644
## 1841	5nme	1qsf 0.890812283
## 1842	5nmf	1qsf 1.045570576
## 1843	5nmg	1qsf 1.108589028
## 1844	5nqk	1qsf 1.739105822
## 1845	5tez	1qsf 3.726697011
## 1846	5w1v	1qsf 3.150033024
## 1847	5w1w	1qsf 3.256126214
## 1848	5wkf	1qsf 1.182550775
## 1849	5wkh	1qsf 0.812293128
## 1850	5xot	1qsf 1.562275697
## 1851	5xov	1qsf 1.066113293
## 1852	5yxn	1qsf 1.265811155
## 1853	5yxu	1qsf 1.125610529
## 1854	6am5	1qsf 1.545074498
## 1855	6amu	1qsf 1.483640773
## 1856	6avf	1qsf 2.569769455
## 1857	6avg	1qsf 1.285584614
## 1858	6bj2	1qsf 1.949733297
## 1859	6bj3	1qsf 1.606538552
## 1860	6bj8	1qsf 1.604466824
## 1861	6cql	1qsf 1.369433044
## 1862	6cqn	1qsf 2.828991635
## 1863	6cqq	1qsf 2.043793747

## 1864	6cqr	1qsf 1.155373223
## 1865	6d78	1qsf 1.536718928
## 1866	6dfx	1qsf 2.809289119
## 1867	6dkp	1qsf 1.528075513
## 1868	6dxs	1qsf 1.793813734
## 1869	6eqa	1qsf 1.019757917
## 1870	6eqb	1qsf 1.019706007
## 1871	6mtm	1qsf 1.324964726
## 1872	6p64	1qsf 2.554628537
## 1873	6px6	1qsf 1.080993968
## 1874	6py2	1qsf 0.902182588
## 1875	6q3s	1qsf 1.124605005
## 1876	6r2l	1qsf 1.337321527
## 1877	6rp9	1qsf 1.238078726
## 1878	6rpa	1qsf 1.428874091
## 1879	6rpb	1qsf 1.105408403
## 1880	6rsy	1qsf 0.859922023
## 1881	6tmo	1qsf 1.381109687
## 1882	6tro	1qsf 0.580143843
## 1883	6u3n	1qsf 1.110817646
## 1884	6u3o	1qsf 2.278090885
## 1885	6uon	1qsf 1.096476294
## 1886	6vm7	1qsf 1.332388805
## 1887	6vm8	1qsf 1.390395064
## 1888	6vma	1qsf 0.805640665
## 1889	6vmc	1qsf 1.277384935
## 1890	6vmx	1qsf 1.497703156
## 1891	6vqo	1qsf 0.623529657
## 1892	6vrm	1qsf 1.885398185
## 1893	6vrn	1qsf 1.347871870
## 1894	7n1e	1qsf 1.123441489
## 1895	7n1f	1qsf 1.073493342
## 1896	7n6e	1qsf 1.067878996
## 1897	6xc9	1qsf 1.415389900
## 1898	6xco	1qsf 1.502159855
## 1899	6xcp	1qsf 3.113894666
## 1900	6zkw	1qsf 1.384492577
## 1901	6zks	1qsf 1.090298330
## 1902	6zky	1qsf 1.386757464
## 1903	6zkz	1qsf 1.470998402
## 1904	7dzm	1qsf 1.464288257
## 1905	7dzn	1qsf 1.025313103
## 1906	7rm4	1qsf 1.293499311
## 1907	7rtr	1qsf 1.147635232
## 1908	7l1d	1qsf 1.318953596
## 1909	7sg0	1qsf 1.382304851
## 1910	7sg1	1qsf 1.557108302
## 1911	7sg2	1qsf 1.545856484
## 1912	7rrg	1qsf 0.884309405
## 1913	7n2s	1qsf 0.957085770
## 1914	7n2n	1qsf 0.946330526
## 1915	7n2o	1qsf 1.380534090
## 1916	7n2r	1qsf 1.453325970
## 1917	7n2p	1qsf 1.681699664

## 1918	7n2q	1qsf	1.263091030
## 1919	8cx4	1qsf	1.218452921
## 1920	8VCX	1qsf	2.515005607
## 1921	8VCY	1qsf	1.221499437
## 1922	8VD0	1qsf	0.854418801
## 1923	8VD2	1qsf	0.843714795
## 1924	6XCP	1qsf	3.113438397
## 1925	6XC0	1qsf	1.502831102
## 1926	6XC9	1qsf	1.416954372
## 1927	1ao7	1zgl	1.231987752
## 1928	1bd2	1zgl	1.089273539
## 1929	1fyt	1zgl	1.113175428
## 1930	1j8h	1zgl	1.256373054
## 1931	1mi5	1zgl	1.134659910
## 1932	1oga	1zgl	0.969097385
## 1933	1qrn	1zgl	1.203626236
## 1934	1qse	1zgl	1.201433760
## 1935	1qsf	1zgl	1.199918683
## 1936	1zgl	1zgl	0.000000000
## 1937	2ak4	1zgl	0.628958738
## 1938	2bnq	1zgl	1.044837540
## 1939	2bnr	1zgl	1.011536588
## 1940	2esv	1zgl	1.122173414
## 1941	2f53	1zgl	1.002222770
## 1942	2f54	1zgl	1.050445431
## 1943	2gj6	1zgl	1.202338331
## 1944	2iam	1zgl	2.226376710
## 1945	2ian	1zgl	0.518194390
## 1946	2nx5	1zgl	0.605211528
## 1947	2p5e	1zgl	1.002157670
## 1948	2p5w	1zgl	1.003154719
## 1949	2pye	1zgl	0.989869193
## 1950	2vlj	1zgl	1.052102876
## 1951	2vlk	1zgl	1.448659684
## 1952	2vlr	1zgl	0.882343369
## 1953	2xn9	1zgl	0.943294560
## 1954	2yp1	1zgl	1.009545379
## 1955	3d39	1zgl	1.042079523
## 1956	3d3v	1zgl	0.964602488
## 1957	3dxa	1zgl	0.805735283
## 1958	3ffc	1zgl	0.889521191
## 1959	3gsn	1zgl	1.038831181
## 1960	3h9s	1zgl	1.041624771
## 1961	3hg1	1zgl	1.060008133
## 1962	3kpr	1zgl	0.765767135
## 1963	3kps	1zgl	0.942263694
## 1964	3kxf	1zgl	0.613407521
## 1965	3mv7	1zgl	0.946132808
## 1966	3mv8	1zgl	1.171584714
## 1967	3mv9	1zgl	1.015929240
## 1968	3o41	1zgl	1.208497596
## 1969	3pwp	1zgl	1.042178958
## 1970	3qdg	1zgl	1.210879006
## 1971	3qdj	1zgl	1.211391080

## 1972	3qdm	1zgl 1.439878422
## 1973	3qeq	1zgl 1.099990762
## 1974	3qfj	1zgl 1.061519263
## 1975	3sjv	1zgl 0.688845719
## 1976	3uts	1zgl 0.961411184
## 1977	3utt	1zgl 0.794533539
## 1978	3vxm	1zgl 1.023074256
## 1979	3vxx	1zgl 1.040677266
## 1980	3vxs	1zgl 0.962330313
## 1981	4c56	1zgl 0.635806494
## 1982	4e41	1zgl 2.290767849
## 1983	4eup	1zgl 0.765990246
## 1984	4ftv	1zgl 1.012654699
## 1985	4g8g	1zgl 1.039617896
## 1986	4g9f	1zgl 1.049270332
## 1987	4gg6	1zgl 0.969094266
## 1988	4jfd	1zgl 1.061046177
## 1989	4jfe	1zgl 1.060068860
## 1990	4jff	1zgl 1.060268392
## 1991	4jrx	1zgl 1.001417099
## 1992	4jry	1zgl 0.922327666
## 1993	4l3e	1zgl 1.006376919
## 1994	4mji	1zgl 1.080393803
## 1995	4mnq	1zgl 1.044064307
## 1996	4ozf	1zgl 1.183408666
## 1997	4ozg	1zgl 1.868103128
## 1998	4ozh	1zgl 1.311794097
## 1999	4ozi	1zgl 1.864254868
## 2000	4prh	1zgl 1.062714152
## 2001	4pri	1zgl 1.142740012
## 2002	4prp	1zgl 1.039366882
## 2003	4qok	1zgl 1.172985465
## 2004	4qrp	1zgl 0.629854030
## 2005	4y19	1zgl 0.975742393
## 2006	4y1a	1zgl 1.020247036
## 2007	4z7u	1zgl 1.164307801
## 2008	4z7v	1zgl 1.102365178
## 2009	4z7w	1zgl 0.745242132
## 2010	5d2l	1zgl 0.754343337
## 2011	5d2n	1zgl 0.716116349
## 2012	1lp9	1zgl 0.836803597
## 2013	1ymm	1zgl 1.213215904
## 2014	2j8u	1zgl 0.836886922
## 2015	2jcc	1zgl 0.837100452
## 2016	2uwe	1zgl 0.836659205
## 2017	2wbj	1zgl 0.927513115
## 2018	3gjf	1zgl 0.794190439
## 2019	3hae	1zgl 0.729339198
## 2020	3nfj	1zgl 0.824742146
## 2021	3o6f	1zgl 0.730279034
## 2022	3p16	1zgl 1.219646884
## 2023	3t0e	1zgl 0.996801640
## 2024	4euq	1zgl 0.912257731
## 2025	4grl	1zgl 1.114777032

## 2026	4h1l	1zgl 1.171631931
## 2027	4may	1zgl 1.083878959
## 2028	4p4k	1zgl 0.797705346
## 2029	4qrr	1zgl 1.090497567
## 2030	4wuu	1zgl 1.008756263
## 2031	4zez	1zgl 1.007708576
## 2032	5brz	1zgl 1.585364077
## 2033	5bs0	1zgl 1.929189561
## 2034	5c07	1zgl 0.964816076
## 2035	5c08	1zgl 0.793840682
## 2036	5c09	1zgl 0.797733830
## 2037	5c0a	1zgl 0.981099897
## 2038	5c0b	1zgl 0.893121951
## 2039	5c0c	1zgl 0.995132103
## 2040	5e6i	1zgl 0.746913842
## 2041	5e9d	1zgl 0.792689547
## 2042	5eu6	1zgl 1.174208599
## 2043	5euo	1zgl 3.833909311
## 2044	5hhm	1zgl 1.029223144
## 2045	5hho	1zgl 1.105103151
## 2046	5hyj	1zgl 0.876171336
## 2047	5isz	1zgl 1.066518949
## 2048	5jhd	1zgl 1.064214384
## 2049	5jzi	1zgl 1.007466462
## 2050	5ks9	1zgl 0.923202615
## 2051	5ksa	1zgl 1.012549311
## 2052	5ksb	1zgl 0.773574903
## 2053	5men	1zgl 1.043678051
## 2054	5nht	1zgl 1.033033278
## 2055	5nme	1zgl 1.010294986
## 2056	5nmf	1zgl 0.943096039
## 2057	5nmg	1zgl 0.879311996
## 2058	5nqk	1zgl 1.031156451
## 2059	5tez	1zgl 2.059015920
## 2060	5w1v	1zgl 1.743755862
## 2061	5w1w	1zgl 1.902142062
## 2062	5wkf	1zgl 0.726887421
## 2063	5wkh	1zgl 0.809142486
## 2064	5xot	1zgl 1.005891083
## 2065	5xov	1zgl 0.824742146
## 2066	5yxn	1zgl 1.055731088
## 2067	5yxu	1zgl 0.745366293
## 2068	6am5	1zgl 1.011180767
## 2069	6amu	1zgl 1.084473671
## 2070	6avf	1zgl 1.240748819
## 2071	6avg	1zgl 0.720811953
## 2072	6bj2	1zgl 1.176434334
## 2073	6bj3	1zgl 1.133914029
## 2074	6bj8	1zgl 1.137441039
## 2075	6cql	1zgl 1.154920008
## 2076	6cqn	1zgl 2.046589756
## 2077	6cqq	1zgl 1.086147528
## 2078	6cqr	1zgl 0.876432646
## 2079	6d78	1zgl 1.017375113

## 2080	6dfx	1zgl 1.781826610
## 2081	6dkp	1zgl 1.014321297
## 2082	6dxsf	1zgl 1.476800490
## 2083	6eqa	1zgl 1.061582385
## 2084	6eqb	1zgl 1.061407878
## 2085	6mtm	1zgl 1.065885394
## 2086	6p64	1zgl 1.714903224
## 2087	6px6	1zgl 1.029736193
## 2088	6py2	1zgl 1.154642349
## 2089	6q3s	1zgl 1.066734910
## 2090	6r2l	1zgl 1.155521044
## 2091	6rp9	1zgl 0.771995961
## 2092	6rpa	1zgl 0.993239692
## 2093	6rpb	1zgl 0.776660222
## 2094	6rsy	1zgl 0.736232548
## 2095	6tmo	1zgl 1.146522326
## 2096	6tro	1zgl 1.188900825
## 2097	6u3n	1zgl 1.091875119
## 2098	6u3o	1zgl 1.173191304
## 2099	6uon	1zgl 0.891172324
## 2100	6vm7	1zgl 1.030134190
## 2101	6vm8	1zgl 1.023316412
## 2102	6vma	1zgl 1.057830911
## 2103	6vmc	1zgl 1.083667315
## 2104	6vmx	1zgl 0.808304594
## 2105	6vqo	1zgl 0.791025110
## 2106	6vrm	1zgl 1.397369002
## 2107	6vrn	1zgl 1.072820876
## 2108	7n1e	1zgl 1.120649941
## 2109	7n1f	1zgl 1.071612898
## 2110	7n6e	1zgl 0.801151413
## 2111	6xc9	1zgl 0.796911082
## 2112	6xco	1zgl 1.126342472
## 2113	6xcp	1zgl 2.101825011
## 2114	6zkw	1zgl 0.954683428
## 2115	6zky	1zgl 1.003687010
## 2116	6zky	1zgl 0.955060948
## 2117	6zkz	1zgl 0.957912884
## 2118	7dzm	1zgl 1.356869836
## 2119	7dzn	1zgl 1.078382998
## 2120	7rm4	1zgl 0.770840091
## 2121	7rtr	1zgl 1.038480992
## 2122	7l1d	1zgl 1.011411040
## 2123	7sg0	1zgl 1.055139497
## 2124	7sg1	1zgl 0.902444984
## 2125	7sg2	1zgl 0.892480887
## 2126	7rrg	1zgl 1.070497669
## 2127	7n2s	1zgl 1.083096455
## 2128	7n2n	1zgl 1.068760607
## 2129	7n2o	1zgl 0.996791796
## 2130	7n2r	1zgl 1.036757078
## 2131	7n2p	1zgl 1.044290384
## 2132	7n2q	1zgl 0.813046353
## 2133	8cx4	1zgl 0.995802189

## 2134	8VCX	1zgl 1.827021558
## 2135	8VCY	1zgl 1.120455602
## 2136	8VD0	1zgl 0.806629559
## 2137	8VD2	1zgl 1.065852533
## 2138	6XCP	1zgl 2.101282442
## 2139	6XC0	1zgl 1.126585799
## 2140	6XC9	1zgl 0.797131380
## 2141	1ao7	2ak4 1.053606701
## 2142	1bd2	2ak4 0.796311512
## 2143	1fyt	2ak4 0.885022769
## 2144	1j8h	2ak4 1.078322831
## 2145	1mi5	2ak4 0.910440411
## 2146	1oga	2ak4 0.848636321
## 2147	1qrn	2ak4 1.019963351
## 2148	1qse	2ak4 1.152056840
## 2149	1qsf	2ak4 1.017385197
## 2150	1zgl	2ak4 0.628958738
## 2151	2ak4	2ak4 0.000000000
## 2152	2bnq	2ak4 0.988453591
## 2153	2bnr	2ak4 0.925646031
## 2154	2esv	2ak4 0.967455344
## 2155	2f53	2ak4 0.812117127
## 2156	2f54	2ak4 0.930488029
## 2157	2gj6	2ak4 1.070104562
## 2158	2iam	2ak4 1.712091600
## 2159	2ian	2ak4 0.532477935
## 2160	2nx5	2ak4 0.519386269
## 2161	2p5e	2ak4 0.809730301
## 2162	2p5w	2ak4 0.810831133
## 2163	2pye	2ak4 0.757980198
## 2164	2vlj	2ak4 0.983870010
## 2165	2vlk	2ak4 1.248887938
## 2166	2vlr	2ak4 0.720218831
## 2167	2xn9	2ak4 0.841396175
## 2168	2yp1	2ak4 0.979956123
## 2169	3d39	2ak4 0.886443715
## 2170	3d3v	2ak4 0.849028634
## 2171	3dxa	2ak4 0.694913497
## 2172	3ffc	2ak4 0.641020436
## 2173	3gsn	2ak4 0.921413010
## 2174	3h9s	2ak4 0.885515529
## 2175	3hg1	2ak4 0.950644136
## 2176	3kpr	2ak4 0.624680073
## 2177	3kps	2ak4 0.775734355
## 2178	3kxf	2ak4 0.457992106
## 2179	3mv7	2ak4 0.864369339
## 2180	3mv8	2ak4 0.854190069
## 2181	3mv9	2ak4 0.967556673
## 2182	3o41	2ak4 0.887397128
## 2183	3pwp	2ak4 0.886803870
## 2184	3qdg	2ak4 1.152323055
## 2185	3qdj	2ak4 1.152698288
## 2186	3qdm	2ak4 1.388211492
## 2187	3qeq	2ak4 0.954000593

## 2188	3qfj	2ak4	0.966009350
## 2189	3sjv	2ak4	0.590177033
## 2190	3uts	2ak4	0.847271970
## 2191	3utt	2ak4	0.687148505
## 2192	3vxm	2ak4	0.795040058
## 2193	3vxx	2ak4	0.789854360
## 2194	3vxs	2ak4	0.782870171
## 2195	4c56	2ak4	0.578644257
## 2196	4e41	2ak4	2.270420911
## 2197	4eup	2ak4	0.661446659
## 2198	4ftv	2ak4	0.735243395
## 2199	4g8g	2ak4	0.745176415
## 2200	4g9f	2ak4	0.864022353
## 2201	4gg6	2ak4	0.706636407
## 2202	4jfd	2ak4	0.953608052
## 2203	4jfe	2ak4	0.952986626
## 2204	4jff	2ak4	0.952549831
## 2205	4jrx	2ak4	0.798388101
## 2206	4jry	2ak4	0.857842258
## 2207	4l3e	2ak4	0.835240540
## 2208	4mji	2ak4	0.997934488
## 2209	4mnq	2ak4	0.813151593
## 2210	4ozf	2ak4	0.995990963
## 2211	4ozg	2ak4	1.812643296
## 2212	4ozh	2ak4	1.243642381
## 2213	4ozi	2ak4	1.777305303
## 2214	4prh	2ak4	0.764252747
## 2215	4pri	2ak4	0.750010113
## 2216	4prp	2ak4	0.738108720
## 2217	4qok	2ak4	0.942940784
## 2218	4qrp	2ak4	0.631370754
## 2219	4y19	2ak4	0.880053615
## 2220	4y1a	2ak4	0.802473154
## 2221	4z7u	2ak4	0.960878767
## 2222	4z7v	2ak4	0.815734407
## 2223	4z7w	2ak4	0.539477961
## 2224	5d2l	2ak4	0.669796783
## 2225	5d2n	2ak4	0.661739052
## 2226	1lp9	2ak4	0.607798670
## 2227	1ymm	2ak4	0.870096723
## 2228	2j8u	2ak4	0.608295777
## 2229	2jcc	2ak4	0.608688458
## 2230	2uwe	2ak4	0.608059649
## 2231	2wbj	2ak4	0.744900472
## 2232	3gjf	2ak4	0.674218794
## 2233	3hae	2ak4	0.657969117
## 2234	3nfj	2ak4	0.681716263
## 2235	3o6f	2ak4	0.654880041
## 2236	3p16	2ak4	0.896915225
## 2237	3t0e	2ak4	0.730021270
## 2238	4euq	2ak4	0.653686862
## 2239	4grl	2ak4	0.883960604
## 2240	4h1l	2ak4	0.806965931
## 2241	4may	2ak4	0.737889471

## 2242	4p4k	2ak4 0.652123231
## 2243	4qrr	2ak4 0.787537759
## 2244	4wuu	2ak4 0.935503705
## 2245	4zez	2ak4 0.729949753
## 2246	5brz	2ak4 1.558042221
## 2247	5bs0	2ak4 1.939035100
## 2248	5c07	2ak4 0.776181700
## 2249	5c08	2ak4 0.800973287
## 2250	5c09	2ak4 0.690725681
## 2251	5c0a	2ak4 0.812240636
## 2252	5c0b	2ak4 0.602099787
## 2253	5c0c	2ak4 0.948518136
## 2254	5e6i	2ak4 0.751953230
## 2255	5e9d	2ak4 0.738132592
## 2256	5eu6	2ak4 0.855690828
## 2257	5euo	2ak4 3.716451653
## 2258	5hhm	2ak4 0.864464109
## 2259	5hho	2ak4 0.810026313
## 2260	5hyj	2ak4 0.779949959
## 2261	5isz	2ak4 1.099508304
## 2262	5jhd	2ak4 0.857876848
## 2263	5jzi	2ak4 0.729521082
## 2264	5ks9	2ak4 0.731304747
## 2265	5ksa	2ak4 0.833700171
## 2266	5ksb	2ak4 0.579550118
## 2267	5men	2ak4 0.813329660
## 2268	5nht	2ak4 0.926506689
## 2269	5nme	2ak4 0.898635905
## 2270	5nmf	2ak4 0.812271506
## 2271	5nmg	2ak4 0.681997449
## 2272	5nqk	2ak4 0.927669506
## 2273	5tez	2ak4 2.108543005
## 2274	5w1v	2ak4 1.571652485
## 2275	5w1w	2ak4 1.811944580
## 2276	5wkf	2ak4 0.558375831
## 2277	5wkh	2ak4 0.625593011
## 2278	5xot	2ak4 0.724929962
## 2279	5xov	2ak4 0.681716263
## 2280	5yxn	2ak4 0.816702752
## 2281	5yxu	2ak4 0.746776303
## 2282	6am5	2ak4 0.838193893
## 2283	6amu	2ak4 0.793968719
## 2284	6avf	2ak4 1.126190263
## 2285	6avg	2ak4 0.635228815
## 2286	6bj2	2ak4 1.040509973
## 2287	6bj3	2ak4 0.729267430
## 2288	6bj8	2ak4 0.731092944
## 2289	6cql	2ak4 0.810830475
## 2290	6cqn	2ak4 1.541505197
## 2291	6cqq	2ak4 1.082737751
## 2292	6cqr	2ak4 0.623215260
## 2293	6d78	2ak4 0.837494923
## 2294	6dfx	2ak4 1.756926013
## 2295	6dkp	2ak4 0.833481162

## 2296	6dxf	2ak4 1.464087672
## 2297	6eqa	2ak4 0.952492931
## 2298	6eqb	2ak4 0.953227365
## 2299	6mtm	2ak4 0.829994781
## 2300	6p64	2ak4 1.591961267
## 2301	6px6	2ak4 0.780498883
## 2302	6py2	2ak4 0.851743533
## 2303	6q3s	2ak4 0.883771633
## 2304	6r2l	2ak4 0.842139454
## 2305	6rp9	2ak4 0.633814734
## 2306	6rpa	2ak4 0.828208950
## 2307	6rpb	2ak4 0.730894059
## 2308	6rsy	2ak4 0.699886863
## 2309	6tmo	2ak4 0.861721728
## 2310	6tro	2ak4 1.087479913
## 2311	6u3n	2ak4 0.756834281
## 2312	6u3o	2ak4 1.041937548
## 2313	6uon	2ak4 0.814390440
## 2314	6vm7	2ak4 0.764515743
## 2315	6vm8	2ak4 0.780721625
## 2316	6vma	2ak4 0.914609660
## 2317	6vmc	2ak4 1.027004822
## 2318	6vmx	2ak4 0.640909917
## 2319	6vqo	2ak4 0.676352270
## 2320	6vrm	2ak4 1.276557743
## 2321	6vrn	2ak4 0.839863137
## 2322	7n1e	2ak4 0.840650544
## 2323	7n1f	2ak4 0.853108043
## 2324	7n6e	2ak4 0.639335287
## 2325	6xc9	2ak4 0.701422060
## 2326	6xco	2ak4 0.750969177
## 2327	6xcp	2ak4 1.700487838
## 2328	6zkw	2ak4 0.812616680
## 2329	6zky	2ak4 0.881072625
## 2330	6zky	2ak4 0.811833945
## 2331	6zkz	2ak4 0.811757276
## 2332	7dzm	2ak4 1.054642718
## 2333	7dzn	2ak4 0.909034396
## 2334	7rm4	2ak4 0.700592181
## 2335	7rtr	2ak4 0.891554291
## 2336	7l1d	2ak4 0.892413426
## 2337	7sg0	2ak4 1.116786576
## 2338	7sg1	2ak4 0.633804744
## 2339	7sg2	2ak4 0.630804982
## 2340	7rrg	2ak4 0.929494437
## 2341	7n2s	2ak4 0.926851966
## 2342	7n2n	2ak4 0.926922063
## 2343	7n2o	2ak4 0.858895936
## 2344	7n2r	2ak4 0.805835072
## 2345	7n2p	2ak4 0.887230150
## 2346	7n2q	2ak4 0.712630548
## 2347	8cx4	2ak4 0.814444242
## 2348	8VCX	2ak4 1.553656532
## 2349	8VCY	2ak4 0.893126578

## 2350	8VD0	2ak4	0.535145566
## 2351	8VD2	2ak4	0.896044321
## 2352	6XCP	2ak4	1.700595284
## 2353	6XC0	2ak4	0.750698545
## 2354	6XC9	2ak4	0.701302592
## 2355	1ao7	2bnq	1.158310923
## 2356	1bd2	2bnq	1.139901368
## 2357	1fyf	2bnq	1.102649972
## 2358	1j8h	2bnq	1.010885325
## 2359	1mi5	2bnq	0.975106108
## 2360	1oga	2bnq	0.974116333
## 2361	1qrn	2bnq	1.171849814
## 2362	1qse	2bnq	0.722712267
## 2363	1qsf	2bnq	1.164594315
## 2364	1zgl	2bnq	1.044837540
## 2365	2ak4	2bnq	0.988453591
## 2366	2bnq	2bnq	0.000000000
## 2367	2bnr	2bnq	0.418613146
## 2368	2esv	2bnq	1.190938854
## 2369	2f53	2bnq	0.900574081
## 2370	2f54	2bnq	1.238384325
## 2371	2gj6	2bnq	0.842191441
## 2372	2iam	2bnq	3.481025269
## 2373	2ian	2bnq	0.906608444
## 2374	2nx5	2bnq	0.834920986
## 2375	2p5e	2bnq	0.902207654
## 2376	2p5w	2bnq	0.904015355
## 2377	2pye	2bnq	1.082805196
## 2378	2vlj	2bnq	1.095684621
## 2379	2vlk	2bnq	1.832583283
## 2380	2vlr	2bnq	0.896394524
## 2381	2xn9	2bnq	0.776660542
## 2382	2ypl	2bnq	0.559872036
## 2383	3d39	2bnq	0.747032460
## 2384	3d3v	2bnq	0.942153679
## 2385	3dxa	2bnq	1.182030515
## 2386	3ffc	2bnq	1.417519101
## 2387	3gsn	2bnq	0.633876081
## 2388	3h9s	2bnq	0.749847729
## 2389	3hg1	2bnq	0.685350307
## 2390	3kpr	2bnq	0.788336767
## 2391	3kps	2bnq	1.037143300
## 2392	3kxf	2bnq	0.922756218
## 2393	3mv7	2bnq	1.016156849
## 2394	3mv8	2bnq	1.073645478
## 2395	3mv9	2bnq	1.017319889
## 2396	3o4l	2bnq	1.154011799
## 2397	3pwp	2bnq	0.746384318
## 2398	3qdq	2bnq	0.761961451
## 2399	3qdj	2bnq	0.761114567
## 2400	3qdm	2bnq	1.611825825
## 2401	3qeq	2bnq	0.724159099
## 2402	3qfj	2bnq	0.653831411
## 2403	3sjv	2bnq	0.901639257

## 2404	3uts	2bnq 0.956325984
## 2405	3utt	2bnq 0.782516237
## 2406	3vxm	2bnq 0.974651444
## 2407	3vxx	2bnq 1.229967041
## 2408	3vxs	2bnq 1.058576773
## 2409	4c56	2bnq 0.637565504
## 2410	4e41	2bnq 4.032628897
## 2411	4eup	2bnq 0.732234304
## 2412	4ftv	2bnq 1.132957385
## 2413	4g8g	2bnq 1.559802709
## 2414	4g9f	2bnq 0.594121139
## 2415	4gg6	2bnq 1.470036225
## 2416	4jfd	2bnq 0.681928123
## 2417	4jfe	2bnq 0.680048360
## 2418	4jff	2bnq 0.679408995
## 2419	4jrx	2bnq 0.992685327
## 2420	4jry	2bnq 1.065237789
## 2421	4l3e	2bnq 0.832692468
## 2422	4mji	2bnq 1.945153028
## 2423	4mnq	2bnq 1.127447731
## 2424	4ozf	2bnq 1.175238603
## 2425	4ozg	2bnq 3.142367023
## 2426	4ozh	2bnq 2.126621726
## 2427	4ozi	2bnq 3.132696875
## 2428	4prh	2bnq 1.166745842
## 2429	4pri	2bnq 1.374784519
## 2430	4prp	2bnq 1.153616965
## 2431	4qok	2bnq 0.973677484
## 2432	4qrp	2bnq 0.826591961
## 2433	4y19	2bnq 1.471758454
## 2434	4y1a	2bnq 1.050899863
## 2435	4z7u	2bnq 1.590539455
## 2436	4z7v	2bnq 1.425932870
## 2437	4z7w	2bnq 0.879108073
## 2438	5d2l	2bnq 1.088081364
## 2439	5d2n	2bnq 0.536889941
## 2440	1lp9	2bnq 0.894636076
## 2441	1ymm	2bnq 1.376341743
## 2442	2j8u	2bnq 0.894491739
## 2443	2jcc	2bnq 0.894957946
## 2444	2uwe	2bnq 0.893976788
## 2445	2wbj	2bnq 1.054318027
## 2446	3gjf	2bnq 0.884408593
## 2447	3hae	2bnq 1.077097412
## 2448	3nfj	2bnq 0.813243903
## 2449	3o6f	2bnq 0.728998090
## 2450	3p16	2bnq 1.189062050
## 2451	3t0e	2bnq 1.200297184
## 2452	4euq	2bnq 1.321394225
## 2453	4grl	2bnq 0.779348596
## 2454	4h1l	2bnq 1.519342008
## 2455	4may	2bnq 1.336741361
## 2456	4p4k	2bnq 0.754501244
## 2457	4qrr	2bnq 1.226043373

## 2458	4wu	2bnq 0.687857806
## 2459	4zez	2bnq 1.432921400
## 2460	5brz	2bnq 2.026308787
## 2461	5bs0	2bnq 2.905089206
## 2462	5c07	2bnq 1.037848801
## 2463	5c08	2bnq 0.634543228
## 2464	5c09	2bnq 0.783675616
## 2465	5c0a	2bnq 1.505657406
## 2466	5c0b	2bnq 1.331635830
## 2467	5c0c	2bnq 1.161129929
## 2468	5e6i	2bnq 1.137829050
## 2469	5e9d	2bnq 0.814943408
## 2470	5eu6	2bnq 1.045665264
## 2471	5euo	2bnq 7.083188044
## 2472	5hhm	2bnq 1.246581230
## 2473	5hho	2bnq 1.098673225
## 2474	5hyj	2bnq 0.896101772
## 2475	5isz	2bnq 0.516234735
## 2476	5jhd	2bnq 1.217147331
## 2477	5jzi	2bnq 1.432310074
## 2478	5ks9	2bnq 1.439438296
## 2479	5ksa	2bnq 0.935828318
## 2480	5ksb	2bnq 0.952679134
## 2481	5men	2bnq 1.124941833
## 2482	5nht	2bnq 0.815754613
## 2483	5nme	2bnq 1.034731608
## 2484	5nmf	2bnq 0.885610695
## 2485	5nmg	2bnq 0.854521998
## 2486	5nqk	2bnq 0.822040916
## 2487	5tez	2bnq 3.265897851
## 2488	5w1v	2bnq 3.133881628
## 2489	5w1w	2bnq 3.331749883
## 2490	5wkf	2bnq 1.021305429
## 2491	5wkh	2bnq 0.800994592
## 2492	5xot	2bnq 1.350737353
## 2493	5xov	2bnq 0.813243903
## 2494	5yxn	2bnq 0.932959290
## 2495	5yxu	2bnq 0.729476279
## 2496	6am5	2bnq 0.848942088
## 2497	6amu	2bnq 0.958132025
## 2498	6avf	2bnq 1.795641762
## 2499	6avg	2bnq 1.012671692
## 2500	6bj2	2bnq 1.724124847
## 2501	6bj3	2bnq 1.539021211
## 2502	6bj8	2bnq 1.541956337
## 2503	6cql	2bnq 1.245813991
## 2504	6cqn	2bnq 3.100928922
## 2505	6cqq	2bnq 1.594932830
## 2506	6cqr	2bnq 1.064929222
## 2507	6d78	2bnq 0.858283612
## 2508	6dfx	2bnq 2.977457639
## 2509	6dkp	2bnq 0.841222807
## 2510	6dxf	2bnq 1.640220869
## 2511	6eqa	2bnq 0.689802225

## 2512	6eqb	2bnq 0.681192606
## 2513	6mtm	2bnq 0.774982899
## 2514	6p64	2bnq 2.739964506
## 2515	6px6	2bnq 1.034307709
## 2516	6py2	2bnq 1.150614491
## 2517	6q3s	2bnq 0.878589545
## 2518	6r2l	2bnq 1.169387357
## 2519	6rp9	2bnq 1.155958087
## 2520	6rpa	2bnq 0.937036403
## 2521	6rpb	2bnq 0.996455940
## 2522	6rsy	2bnq 0.619352405
## 2523	6tmo	2bnq 1.038600696
## 2524	6tro	2bnq 1.184490165
## 2525	6u3n	2bnq 1.097261334
## 2526	6u3o	2bnq 1.877889896
## 2527	6uon	2bnq 0.810023441
## 2528	6vm7	2bnq 0.971532026
## 2529	6vm8	2bnq 0.952294924
## 2530	6vma	2bnq 0.817273995
## 2531	6vmc	2bnq 1.249500490
## 2532	6vmx	2bnq 1.191416302
## 2533	6vqo	2bnq 0.743869058
## 2534	6vrm	2bnq 1.684590146
## 2535	6vrn	2bnq 0.874943930
## 2536	7n1e	2bnq 1.087937999
## 2537	7n1f	2bnq 0.938370962
## 2538	7n6e	2bnq 0.849530079
## 2539	6xc9	2bnq 1.062315944
## 2540	6xco	2bnq 1.454415585
## 2541	6xcp	2bnq 3.229968254
## 2542	6zkw	2bnq 1.017361363
## 2543	6zkk	2bnq 0.803178691
## 2544	6zky	2bnq 1.020275258
## 2545	6zkz	2bnq 0.936046490
## 2546	7dzm	2bnq 1.540405811
## 2547	7dzn	2bnq 0.871643692
## 2548	7rm4	2bnq 1.146557275
## 2549	7rtr	2bnq 0.875820376
## 2550	7l1d	2bnq 0.943600367
## 2551	7sg0	2bnq 0.985408999
## 2552	7sg1	2bnq 1.296659682
## 2553	7sg2	2bnq 1.277895185
## 2554	7rrg	2bnq 0.600947745
## 2555	7n2s	2bnq 0.493537051
## 2556	7n2n	2bnq 0.450082697
## 2557	7n2o	2bnq 0.965814709
## 2558	7n2r	2bnq 1.115392201
## 2559	7n2p	2bnq 0.914384626
## 2560	7n2q	2bnq 0.893758135
## 2561	8cx4	2bnq 0.964332729
## 2562	8VCX	2bnq 2.814613459
## 2563	8VCY	2bnq 0.757911625
## 2564	8VD0	2bnq 0.963648705
## 2565	8VD2	2bnq 0.950385949

## 2566	6XCP	2bnq 3.230446378
## 2567	6XC0	2bnq 1.454098289
## 2568	6XC9	2bnq 1.061824035
## 2569	1ao7	2bnr 1.409227541
## 2570	1bd2	2bnr 1.099518554
## 2571	1fyf	2bnr 1.239628623
## 2572	1j8h	2bnr 1.285513955
## 2573	1mi5	2bnr 1.095853888
## 2574	1oga	2bnr 0.998093974
## 2575	1qrn	2bnr 1.445833281
## 2576	1qse	2bnr 1.106336497
## 2577	1qsf	2bnr 1.437327179
## 2578	1zgl	2bnr 1.011536588
## 2579	2ak4	2bnr 0.925646031
## 2580	2bnq	2bnr 0.418613146
## 2581	2bnr	2bnr 0.000000000
## 2582	2esv	2bnr 1.410524601
## 2583	2f53	2bnr 0.911364652
## 2584	2f54	2bnr 1.254462597
## 2585	2gj6	2bnr 1.187863237
## 2586	2iam	2bnr 3.487855760
## 2587	2ian	2bnr 0.902042833
## 2588	2nx5	2bnr 0.807123080
## 2589	2p5e	2bnr 0.906917824
## 2590	2p5w	2bnr 0.909580388
## 2591	2pye	2bnr 0.907148516
## 2592	2vlj	2bnr 0.981859141
## 2593	2vlk	2bnr 2.146863498
## 2594	2vlr	2bnr 0.914785367
## 2595	2xn9	2bnr 0.784464241
## 2596	2ypl	2bnr 0.361025068
## 2597	3d39	2bnr 0.817236878
## 2598	3d3v	2bnr 0.999190170
## 2599	3dxa	2bnr 1.096042462
## 2600	3ffc	2bnr 1.352486514
## 2601	3gsn	2bnr 0.632404995
## 2602	3h9s	2bnr 0.818148695
## 2603	3hg1	2bnr 0.847303334
## 2604	3kpr	2bnr 0.657465230
## 2605	3kps	2bnr 0.895279075
## 2606	3kxf	2bnr 0.901836141
## 2607	3mv7	2bnr 0.981962577
## 2608	3mv8	2bnr 1.044590072
## 2609	3mv9	2bnr 1.181595005
## 2610	3o4l	2bnr 1.185958236
## 2611	3pwp	2bnr 0.816881713
## 2612	3qdq	2bnr 1.024272481
## 2613	3qdj	2bnr 1.024601070
## 2614	3qdm	2bnr 1.623476595
## 2615	3qeq	2bnr 0.709920376
## 2616	3qfj	2bnr 0.725815702
## 2617	3sjv	2bnr 0.932657970
## 2618	3uts	2bnr 1.087151965
## 2619	3utt	2bnr 0.786436087

## 2620	3vxm	2bnr 0.870166639
## 2621	3vxr	2bnr 1.060274397
## 2622	3vxs	2bnr 0.845172284
## 2623	4c56	2bnr 0.563098054
## 2624	4e41	2bnr 4.211062908
## 2625	4eup	2bnr 0.660354473
## 2626	4ftv	2bnr 0.951833758
## 2627	4g8g	2bnr 1.394281003
## 2628	4g9f	2bnr 0.624603944
## 2629	4gg6	2bnr 1.354063331
## 2630	4jfd	2bnr 0.849572855
## 2631	4jfe	2bnr 0.846249908
## 2632	4jff	2bnr 0.846225490
## 2633	4jrx	2bnr 0.939227426
## 2634	4jry	2bnr 0.841471976
## 2635	4l3e	2bnr 0.553035333
## 2636	4mji	2bnr 1.964364604
## 2637	4mnq	2bnr 1.209380655
## 2638	4ozf	2bnr 0.974465684
## 2639	4ozg	2bnr 3.298780433
## 2640	4ozh	2bnr 2.111815739
## 2641	4ozi	2bnr 3.312639117
## 2642	4prh	2bnr 1.045368691
## 2643	4pri	2bnr 1.302827739
## 2644	4prp	2bnr 1.030759046
## 2645	4qok	2bnr 1.172314858
## 2646	4qrp	2bnr 0.816742663
## 2647	4y19	2bnr 1.247055228
## 2648	4y1a	2bnr 0.978235170
## 2649	4z7u	2bnr 1.670768513
## 2650	4z7v	2bnr 1.354501209
## 2651	4z7w	2bnr 0.874837481
## 2652	5d2l	2bnr 1.130959653
## 2653	5d2n	2bnr 0.491317259
## 2654	1lp9	2bnr 0.913319769
## 2655	1ymm	2bnr 1.158583197
## 2656	2j8u	2bnr 0.913326191
## 2657	2jcc	2bnr 0.914294455
## 2658	2uwe	2bnr 0.912703570
## 2659	2wbj	2bnr 1.046707322
## 2660	3gjf	2bnr 0.811375668
## 2661	3hae	2bnr 1.074673292
## 2662	3nfj	2bnr 0.816132853
## 2663	3o6f	2bnr 0.769659614
## 2664	3pl6	2bnr 1.234200424
## 2665	3t0e	2bnr 1.121307622
## 2666	4euq	2bnr 1.203238178
## 2667	4grl	2bnr 0.733705483
## 2668	4h1l	2bnr 1.399228325
## 2669	4may	2bnr 1.257657800
## 2670	4p4k	2bnr 0.756057817
## 2671	4qrr	2bnr 1.157538171
## 2672	4wuu	2bnr 0.466817109
## 2673	4zez	2bnr 1.307365654

## 2674	5brz	2bnr 2.287451729
## 2675	5bs0	2bnr 3.029030602
## 2676	5c07	2bnr 1.019022822
## 2677	5c08	2bnr 0.575899489
## 2678	5c09	2bnr 0.793124338
## 2679	5c0a	2bnr 1.478687406
## 2680	5c0b	2bnr 1.332964684
## 2681	5c0c	2bnr 1.107951755
## 2682	5e6i	2bnr 1.204365966
## 2683	5e9d	2bnr 0.752813117
## 2684	5eu6	2bnr 1.061850896
## 2685	5euo	2bnr 7.221315433
## 2686	5hhm	2bnr 1.390540015
## 2687	5hho	2bnr 0.824889646
## 2688	5hyj	2bnr 0.917318409
## 2689	5isz	2bnr 0.712043427
## 2690	5jhd	2bnr 1.260234459
## 2691	5jzi	2bnr 1.306532116
## 2692	5ks9	2bnr 1.460772242
## 2693	5ksa	2bnr 0.734357461
## 2694	5ksb	2bnr 0.834681146
## 2695	5men	2bnr 1.206812672
## 2696	5nht	2bnr 0.458379878
## 2697	5nme	2bnr 1.222656282
## 2698	5nmf	2bnr 0.965879558
## 2699	5nmg	2bnr 0.805478134
## 2700	5nqk	2bnr 0.464056190
## 2701	5tez	2bnr 3.307790633
## 2702	5w1v	2bnr 3.155361892
## 2703	5w1w	2bnr 3.372379932
## 2704	5wkf	2bnr 0.903208563
## 2705	5wkh	2bnr 0.824367844
## 2706	5xot	2bnr 1.151967641
## 2707	5xov	2bnr 0.816132853
## 2708	5yxn	2bnr 0.859882764
## 2709	5yxu	2bnr 0.743806234
## 2710	6am5	2bnr 0.568169264
## 2711	6amu	2bnr 0.720578411
## 2712	6avf	2bnr 1.527294450
## 2713	6avg	2bnr 0.893987289
## 2714	6bj2	2bnr 1.661738443
## 2715	6bj3	2bnr 1.367185487
## 2716	6bj8	2bnr 1.371407625
## 2717	6cql	2bnr 1.155508228
## 2718	6cqn	2bnr 3.117496451
## 2719	6cqq	2bnr 1.546424614
## 2720	6cqr	2bnr 0.989881227
## 2721	6d78	2bnr 0.583355228
## 2722	6dfx	2bnr 3.152672600
## 2723	6dkp	2bnr 0.562154157
## 2724	6dxg	2bnr 1.895274242
## 2725	6eqa	2bnr 0.852901440
## 2726	6eqb	2bnr 0.845425076
## 2727	6mtm	2bnr 0.647434398

## 2728	6p64	2bnr 2.897025493
## 2729	6px6	2bnr 1.009490775
## 2730	6py2	2bnr 1.215838121
## 2731	6q3s	2bnr 0.924679209
## 2732	6r2l	2bnr 1.137040899
## 2733	6rp9	2bnr 1.096669450
## 2734	6rpa	2bnr 0.786930535
## 2735	6rpb	2bnr 1.019435184
## 2736	6rsy	2bnr 0.697226256
## 2737	6tmo	2bnr 0.963361372
## 2738	6tro	2bnr 1.486367661
## 2739	6u3n	2bnr 1.053638486
## 2740	6u3o	2bnr 1.788205063
## 2741	6uon	2bnr 0.907674716
## 2742	6vm7	2bnr 0.809550092
## 2743	6vm8	2bnr 0.767338009
## 2744	6vma	2bnr 0.987165310
## 2745	6vmc	2bnr 1.387286854
## 2746	6vmx	2bnr 1.024127167
## 2747	6vqo	2bnr 0.862116036
## 2748	6vrm	2bnr 1.762508159
## 2749	6vrn	2bnr 0.767715955
## 2750	7n1e	2bnr 1.079960330
## 2751	7n1f	2bnr 0.983854448
## 2752	7n6e	2bnr 0.809215056
## 2753	6xc9	2bnr 0.930908092
## 2754	6xco	2bnr 1.317045212
## 2755	6xcp	2bnr 3.243595636
## 2756	6zkw	2bnr 0.853156357
## 2757	6zqx	2bnr 0.828171579
## 2758	6zky	2bnr 0.855297462
## 2759	6zkz	2bnr 0.753799805
## 2760	7dzm	2bnr 1.603083371
## 2761	7dzn	2bnr 0.980479455
## 2762	7rm4	2bnr 1.133520491
## 2763	7rtr	2bnr 0.932150050
## 2764	7l1d	2bnr 0.919574311
## 2765	7sg0	2bnr 1.167352635
## 2766	7sg1	2bnr 1.148382389
## 2767	7sg2	2bnr 1.129806468
## 2768	7rrg	2bnr 0.778430438
## 2769	7n2s	2bnr 0.641822202
## 2770	7n2n	2bnr 0.614444028
## 2771	7n2o	2bnr 0.885927542
## 2772	7n2r	2bnr 0.942547075
## 2773	7n2p	2bnr 0.642540336
## 2774	7n2q	2bnr 0.825847952
## 2775	8cx4	2bnr 0.902602290
## 2776	8VCX	2bnr 2.863241109
## 2777	8VCY	2bnr 0.726390051
## 2778	8VD0	2bnr 0.960436164
## 2779	8VD2	2bnr 1.078710597
## 2780	6XCP	2bnr 3.244070416
## 2781	6XC0	2bnr 1.316692383

## 2782	6XC9	2bnr	0.929575503
## 2783	1ao7	2esv	0.674108694
## 2784	1bd2	2esv	1.092120414
## 2785	1fyt	2esv	0.634830555
## 2786	1j8h	2esv	1.020468869
## 2787	1mi5	2esv	0.860656511
## 2788	1oga	2esv	0.780654890
## 2789	1qrn	2esv	0.603735854
## 2790	1qse	2esv	1.176554493
## 2791	1qsf	2esv	0.601228733
## 2792	1zgl	2esv	1.122173414
## 2793	2ak4	2esv	0.967455344
## 2794	2bnq	2esv	1.190938854
## 2795	2bnr	2esv	1.410524601
## 2796	2esv	2esv	0.000000000
## 2797	2f53	2esv	0.908405897
## 2798	2f54	2esv	1.623136129
## 2799	2gj6	2esv	0.871019832
## 2800	2iam	2esv	3.394482110
## 2801	2ian	2esv	0.855352234
## 2802	2nx5	2esv	0.894090985
## 2803	2p5e	2esv	0.919078907
## 2804	2p5w	2esv	0.920056883
## 2805	2pye	2esv	1.266771890
## 2806	2vlj	2esv	1.580846772
## 2807	2vlk	2esv	1.033225690
## 2808	2vlr	2esv	1.062054928
## 2809	2xn9	2esv	1.015860084
## 2810	2ypl	2esv	1.506826017
## 2811	3d39	2esv	0.939870681
## 2812	3d3v	2esv	0.758425928
## 2813	3dxa	2esv	1.312430071
## 2814	3ffc	2esv	1.203198139
## 2815	3gsn	2esv	1.175084505
## 2816	3h9s	2esv	0.940802073
## 2817	3hg1	2esv	0.973815953
## 2818	3kpr	2esv	1.183962970
## 2819	3kps	2esv	1.165977096
## 2820	3kxf	2esv	0.854137312
## 2821	3mv7	2esv	1.040274195
## 2822	3mv8	2esv	1.289842807
## 2823	3mv9	2esv	0.739468885
## 2824	3o4l	2esv	1.225813244
## 2825	3pwp	2esv	0.940026160
## 2826	3qdg	2esv	1.461259483
## 2827	3qdj	2esv	1.459985904
## 2828	3qdm	2esv	2.435416821
## 2829	3qeq	2esv	1.357138109
## 2830	3qfj	2esv	1.218184464
## 2831	3sjv	2esv	0.986336836
## 2832	3uts	2esv	1.132367834
## 2833	3utt	2esv	0.873633289
## 2834	3vxm	2esv	1.216842436
## 2835	3vxr	2esv	1.318738495

## 2836	3vxs	2esv 1.401398706
## 2837	4c56	2esv 0.946234985
## 2838	4e41	2esv 3.902948391
## 2839	4eup	2esv 1.105527690
## 2840	4ftv	2esv 1.255849148
## 2841	4g8g	2esv 1.389001013
## 2842	4g9f	2esv 1.062313529
## 2843	4gg6	2esv 1.378091526
## 2844	4jfd	2esv 0.977381730
## 2845	4jfe	2esv 0.980316488
## 2846	4jff	2esv 0.977886988
## 2847	4jrx	2esv 1.046092761
## 2848	4jry	2esv 1.451042351
## 2849	4l3e	2esv 1.445946565
## 2850	4mji	2esv 1.630222895
## 2851	4mnq	2esv 0.630357280
## 2852	4ozf	2esv 1.870309113
## 2853	4ozg	2esv 3.206855696
## 2854	4ozh	2esv 2.528816703
## 2855	4ozi	2esv 3.074962957
## 2856	4prh	2esv 1.126720260
## 2857	4pri	2esv 1.192523709
## 2858	4prp	2esv 1.120886904
## 2859	4qok	2esv 0.844713744
## 2860	4qrp	2esv 0.875175654
## 2861	4y19	2esv 1.650071119
## 2862	4y1a	2esv 1.112069299
## 2863	4z7u	2esv 1.681410475
## 2864	4z7v	2esv 1.619526567
## 2865	4z7w	2esv 0.797159531
## 2866	5d2l	2esv 0.891868837
## 2867	5d2n	2esv 0.989053377
## 2868	1lp9	2esv 0.745285132
## 2869	1ymm	2esv 1.665643325
## 2870	2j8u	2esv 0.745663580
## 2871	2jcc	2esv 0.745668709
## 2872	2uwe	2esv 0.745513207
## 2873	2wbj	2esv 1.146468153
## 2874	3gjf	2esv 1.118030920
## 2875	3hae	2esv 1.180734730
## 2876	3nfj	2esv 0.972169843
## 2877	3o6f	2esv 0.728650351
## 2878	3p16	2esv 1.100650998
## 2879	3t0e	2esv 1.193232803
## 2880	4euq	2esv 1.344589000
## 2881	4grl	2esv 1.299312693
## 2882	4h1l	2esv 1.652071619
## 2883	4may	2esv 1.059185436
## 2884	4p4k	2esv 1.006789771
## 2885	4qrr	2esv 1.103922784
## 2886	4wuu	2esv 1.498406608
## 2887	4zez	2esv 1.559190713
## 2888	5brz	2esv 2.175533033
## 2889	5bs0	2esv 3.361514962

## 2890	5c07	2esv 1.358587727
## 2891	5c08	2esv 1.265253463
## 2892	5c09	2esv 0.870102360
## 2893	5c0a	2esv 1.567531971
## 2894	5c0b	2esv 0.935930052
## 2895	5c0c	2esv 1.732605413
## 2896	5e6i	2esv 1.128659233
## 2897	5e9d	2esv 1.063820442
## 2898	5eu6	2esv 1.109732466
## 2899	5euo	2esv 7.184699080
## 2900	5hhm	2esv 1.035114980
## 2901	5hho	2esv 1.628767770
## 2902	5hyj	2esv 1.246181831
## 2903	5isz	2esv 1.383162213
## 2904	5jhd	2esv 1.306279520
## 2905	5jzi	2esv 1.558767605
## 2906	5ks9	2esv 1.042950818
## 2907	5ksa	2esv 1.358364601
## 2908	5ksb	2esv 1.028559127
## 2909	5men	2esv 0.632470859
## 2910	5nht	2esv 1.705738729
## 2911	5nme	2esv 1.007342569
## 2912	5nmf	2esv 1.159838827
## 2913	5nmg	2esv 1.115352459
## 2914	5nqk	2esv 1.710859982
## 2915	5tez	2esv 3.912925847
## 2916	5w1v	2esv 3.224480071
## 2917	5w1w	2esv 3.336400463
## 2918	5wkf	2esv 1.057045129
## 2919	5wkh	2esv 0.823072098
## 2920	5xot	2esv 1.355239125
## 2921	5xov	2esv 0.972169843
## 2922	5yxn	2esv 1.133063073
## 2923	5yxu	2esv 1.032071938
## 2924	6am5	2esv 1.455315048
## 2925	6amu	2esv 1.439190142
## 2926	6avf	2esv 2.421979539
## 2927	6avg	2esv 1.171036215
## 2928	6bj2	2esv 1.910744977
## 2929	6bj3	2esv 1.465446955
## 2930	6bj8	2esv 1.465130754
## 2931	6cql	2esv 1.313039102
## 2932	6cqn	2esv 2.997565130
## 2933	6cqq	2esv 2.077630967
## 2934	6cqr	2esv 1.091633169
## 2935	6d78	2esv 1.451234601
## 2936	6dfx	2esv 2.890019626
## 2937	6dkp	2esv 1.445013645
## 2938	6dxg	2esv 1.983431060
## 2939	6eqa	2esv 0.973771909
## 2940	6eqb	2esv 0.984123994
## 2941	6mtm	2esv 1.205463046
## 2942	6p64	2esv 2.667867657
## 2943	6px6	2esv 0.874919704

## 2944	6py2	2esv 0.958479329
## 2945	6q3s	2esv 1.013704108
## 2946	6r2l	2esv 1.242423778
## 2947	6rp9	2esv 1.161046757
## 2948	6rpa	2esv 1.202079613
## 2949	6rpb	2esv 1.145058010
## 2950	6rsy	2esv 0.889649434
## 2951	6tmo	2esv 1.413579666
## 2952	6tro	2esv 0.739521992
## 2953	6u3n	2esv 1.084089947
## 2954	6u3o	2esv 2.286528973
## 2955	6uon	2esv 1.094404341
## 2956	6vm7	2esv 1.254156178
## 2957	6vm8	2esv 1.274976249
## 2958	6vma	2esv 0.744381342
## 2959	6vmc	2esv 1.045155595
## 2960	6vmx	2esv 1.431477708
## 2961	6vqo	2esv 0.650008948
## 2962	6vrn	2esv 2.007487978
## 2963	6vrn	2esv 1.217258384
## 2964	7n1e	2esv 1.182097440
## 2965	7n1f	2esv 0.873199487
## 2966	7n6e	2esv 1.044684612
## 2967	6xc9	2esv 1.399540056
## 2968	6xco	2esv 1.311580529
## 2969	6xcp	2esv 3.325472114
## 2970	6zkw	2esv 1.250528155
## 2971	6zky	2esv 1.031540475
## 2972	6zky	2esv 1.252066750
## 2973	6zkz	2esv 1.249937646
## 2974	7dzm	2esv 1.478478725
## 2975	7dzn	2esv 0.941020393
## 2976	7rm4	2esv 1.306521800
## 2977	7rtr	2esv 1.007609776
## 2978	7l1d	2esv 1.116961970
## 2979	7sg0	2esv 1.186215751
## 2980	7sg1	2esv 1.463592472
## 2981	7sg2	2esv 1.450984029
## 2982	7rrg	2esv 0.935342249
## 2983	7n2s	2esv 1.044691428
## 2984	7n2n	2esv 1.041552210
## 2985	7n2o	2esv 1.237241745
## 2986	7n2r	2esv 1.417683464
## 2987	7n2p	2esv 1.547875149
## 2988	7n2q	2esv 1.269802382
## 2989	8cx4	2esv 1.057263006
## 2990	8VCX	2esv 2.721098937
## 2991	8VCY	2esv 1.284495513
## 2992	8VD0	2esv 0.794559847
## 2993	8VD2	2esv 0.755783123
## 2994	6XCP	2esv 3.325355939
## 2995	6XC0	2esv 1.312712060
## 2996	6XC9	2esv 1.401348578
## 2997	1ao7	2f53 0.947047765

## 2998	1bd2	2f53 0.611648700
## 2999	1fyt	2f53 0.694854197
## 3000	1j8h	2f53 1.188800246
## 3001	1mi5	2f53 1.037331589
## 3002	1oga	2f53 0.733760729
## 3003	1qrn	2f53 0.982235023
## 3004	1qse	2f53 1.179556862
## 3005	1qsf	2f53 0.972958433
## 3006	1zgl	2f53 1.002222770
## 3007	2ak4	2f53 0.812117127
## 3008	2bnq	2f53 0.900574081
## 3009	2bnr	2f53 0.911364652
## 3010	2esv	2f53 0.908405897
## 3011	2f53	2f53 0.000000000
## 3012	2f54	2f53 1.290476158
## 3013	2gj6	2f53 1.139716896
## 3014	2iam	2f53 3.271251515
## 3015	2ian	2f53 0.856629269
## 3016	2nx5	2f53 0.721615180
## 3017	2p5e	2f53 0.048385473
## 3018	2p5w	2f53 0.045410146
## 3019	2pye	2f53 0.450245998
## 3020	2vlj	2f53 0.941064831
## 3021	2vlk	2f53 1.681874131
## 3022	2vlr	2f53 0.792448572
## 3023	2xn9	2f53 0.808469199
## 3024	2ypl	2f53 1.002117041
## 3025	3d39	2f53 0.803692704
## 3026	3d3v	2f53 0.662314463
## 3027	3dxa	2f53 1.021428299
## 3028	3ffc	2f53 1.195245252
## 3029	3gsn	2f53 0.808739920
## 3030	3h9s	2f53 0.802438351
## 3031	3hg1	2f53 0.737533714
## 3032	3kpr	2f53 0.677460282
## 3033	3kps	2f53 0.466706744
## 3034	3kxf	2f53 0.804799575
## 3035	3mv7	2f53 0.887166949
## 3036	3mv8	2f53 0.930513208
## 3037	3mv9	2f53 0.980013225
## 3038	3o4l	2f53 0.883884738
## 3039	3pwp	2f53 0.805320795
## 3040	3qdg	2f53 1.181075052
## 3041	3qdj	2f53 1.180402669
## 3042	3qdm	2f53 1.883232275
## 3043	3qeq	2f53 0.910015326
## 3044	3qfj	2f53 0.838352695
## 3045	3sjv	2f53 0.864305152
## 3046	3uts	2f53 1.029284352
## 3047	3utt	2f53 0.906245489
## 3048	3vxm	2f53 0.407889798
## 3049	3vxr	2f53 1.026887252
## 3050	3vxs	2f53 0.623586231
## 3051	4c56	2f53 0.740256300

## 3052	4e41	2f53 4.120502984
## 3053	4eup	2f53 0.765820277
## 3054	4ftv	2f53 0.677494533
## 3055	4g8g	2f53 1.143108870
## 3056	4g9f	2f53 0.844258350
## 3057	4gg6	2f53 1.197291547
## 3058	4jfd	2f53 0.742522565
## 3059	4jfe	2f53 0.743562398
## 3060	4jff	2f53 0.743735862
## 3061	4jrx	2f53 0.442130762
## 3062	4jry	2f53 0.909492967
## 3063	4l3e	2f53 0.964880405
## 3064	4mji	2f53 1.808544775
## 3065	4mnq	2f53 0.717782867
## 3066	4ozf	2f53 1.267111353
## 3067	4ozg	2f53 3.232613778
## 3068	4ozh	2f53 2.255093104
## 3069	4ozi	2f53 3.226985638
## 3070	4prh	2f53 0.792208350
## 3071	4pri	2f53 0.798237050
## 3072	4prp	2f53 0.784791567
## 3073	4qok	2f53 0.926200294
## 3074	4qrp	2f53 0.795113961
## 3075	4y19	2f53 1.317384105
## 3076	4y1a	2f53 0.804428338
## 3077	4z7u	2f53 1.647573076
## 3078	4z7v	2f53 1.337732128
## 3079	4z7w	2f53 0.615615900
## 3080	5d2l	2f53 0.988375307
## 3081	5d2n	2f53 0.585474205
## 3082	1lp9	2f53 0.557777022
## 3083	1ymm	2f53 1.299226331
## 3084	2j8u	2f53 0.557430893
## 3085	2jcc	2f53 0.557941495
## 3086	2uwe	2f53 0.556804722
## 3087	2wbj	2f53 0.993904149
## 3088	3gjf	2f53 0.828947533
## 3089	3hae	2f53 1.027435814
## 3090	3nfj	2f53 0.816764335
## 3091	3o6f	2f53 0.596544415
## 3092	3p16	2f53 1.156742563
## 3093	3t0e	2f53 1.016664974
## 3094	4euq	2f53 1.251167908
## 3095	4grl	2f53 0.830368874
## 3096	4h1l	2f53 1.319173675
## 3097	4may	2f53 0.776144352
## 3098	4p4k	2f53 0.783946115
## 3099	4qrr	2f53 0.907678037
## 3100	4wuu	2f53 0.974650435
## 3101	4zez	2f53 1.295542353
## 3102	5brz	2f53 2.080089417
## 3103	5bs0	2f53 2.996780620
## 3104	5c07	2f53 1.105680107
## 3105	5c08	2f53 0.930625933

## 3106	5c09	2f53 0.911442119
## 3107	5c0a	2f53 1.334617244
## 3108	5c0b	2f53 1.007110566
## 3109	5c0c	2f53 1.385008041
## 3110	5e6i	2f53 1.175259404
## 3111	5e9d	2f53 0.566428841
## 3112	5eu6	2f53 1.073030914
## 3113	5euo	2f53 7.209564834
## 3114	5hhm	2f53 1.170887063
## 3115	5hho	2f53 0.954007047
## 3116	5hyj	2f53 1.044923334
## 3117	5isz	2f53 1.103072614
## 3118	5jhd	2f53 1.199407776
## 3119	5jzi	2f53 1.294803712
## 3120	5ks9	2f53 1.218739386
## 3121	5ksa	2f53 0.906753401
## 3122	5ksb	2f53 0.708815811
## 3123	5men	2f53 0.717829237
## 3124	5nht	2f53 1.046107485
## 3125	5nme	2f53 1.174049250
## 3126	5nmf	2f53 0.902110771
## 3127	5nmg	2f53 0.898856659
## 3128	5nqk	2f53 1.052634324
## 3129	5tez	2f53 3.403411228
## 3130	5w1v	2f53 3.129058159
## 3131	5w1w	2f53 3.336101018
## 3132	5wkf	2f53 0.739548342
## 3133	5wkh	2f53 0.722717939
## 3134	5xot	2f53 0.848560681
## 3135	5xov	2f53 0.816764335
## 3136	5yxn	2f53 0.931596314
## 3137	5yxu	2f53 0.801880845
## 3138	6am5	2f53 0.970436171
## 3139	6amu	2f53 0.935301599
## 3140	6avf	2f53 1.872765120
## 3141	6avg	2f53 0.954533300
## 3142	6bj2	2f53 1.512805679
## 3143	6bj3	2f53 0.999594847
## 3144	6bj8	2f53 1.000633913
## 3145	6cql	2f53 1.070211879
## 3146	6cqn	2f53 2.892320545
## 3147	6cqq	2f53 1.738489317
## 3148	6cqr	2f53 0.798179533
## 3149	6d78	2f53 0.965293737
## 3150	6dfx	2f53 3.085034540
## 3151	6dkp	2f53 0.958161409
## 3152	6dxf	2f53 1.861822475
## 3153	6eqa	2f53 0.742367361
## 3154	6eqb	2f53 0.740383035
## 3155	6mtm	2f53 0.910248792
## 3156	6p64	2f53 2.771237062
## 3157	6px6	2f53 0.553638425
## 3158	6py2	2f53 0.737238407
## 3159	6q3s	2f53 0.981669416

## 3160	6r2l	2f53 0.851717053
## 3161	6rp9	2f53 0.965914085
## 3162	6rpa	2f53 0.734448502
## 3163	6rpb	2f53 1.005792433
## 3164	6rsy	2f53 0.730335019
## 3165	6tmo	2f53 0.820377371
## 3166	6tro	2f53 1.151981644
## 3167	6u3n	2f53 0.716375457
## 3168	6u3o	2f53 1.902804711
## 3169	6uon	2f53 1.023386777
## 3170	6vm7	2f53 0.808695244
## 3171	6vm8	2f53 0.803210826
## 3172	6vma	2f53 0.806165877
## 3173	6vmc	2f53 1.195747543
## 3174	6vmx	2f53 1.068249355
## 3175	6vqo	2f53 0.696673138
## 3176	6vrm	2f53 1.559120581
## 3177	6vrn	2f53 1.000921619
## 3178	7n1e	2f53 0.646350912
## 3179	7n1f	2f53 0.674241190
## 3180	7n6e	2f53 0.705752129
## 3181	6xc9	2f53 0.915916907
## 3182	6xco	2f53 0.957516777
## 3183	6xcp	2f53 3.026284019
## 3184	6zkw	2f53 0.710267649
## 3185	6zkk	2f53 0.796534903
## 3186	6zky	2f53 0.710922558
## 3187	6zkz	2f53 0.777708563
## 3188	7dzm	2f53 1.469516114
## 3189	7dzn	2f53 0.887939911
## 3190	7rm4	2f53 1.179813530
## 3191	7rtr	2f53 0.561380271
## 3192	7l1d	2f53 1.046259686
## 3193	7sg0	2f53 1.236589372
## 3194	7sg1	2f53 1.090805854
## 3195	7sg2	2f53 1.077520811
## 3196	7rrg	2f53 0.690166234
## 3197	7n2s	2f53 0.792899470
## 3198	7n2n	2f53 0.792314172
## 3199	7n2o	2f53 0.561863655
## 3200	7n2r	2f53 0.730064461
## 3201	7n2p	2f53 0.976464462
## 3202	7n2q	2f53 0.936165414
## 3203	8cx4	2f53 0.489656947
## 3204	8VCX	2f53 2.616180461
## 3205	8VCY	2f53 0.837646835
## 3206	8VD0	2f53 0.683131795
## 3207	8VD2	2f53 0.817135297
## 3208	6XCP	2f53 3.025822811
## 3209	6XC0	2f53 0.957713407
## 3210	6XC9	2f53 0.913764834
## 3211	1ao7	2f54 1.600081513
## 3212	1bd2	2f54 1.294469284
## 3213	1fyt	2f54 1.482577196

## 3214	1j8h	2f54 1.478149037
## 3215	1mi5	2f54 1.559929796
## 3216	1oga	2f54 1.578383102
## 3217	1qrn	2f54 1.497000439
## 3218	1qse	2f54 1.236428495
## 3219	1qsf	2f54 1.496126114
## 3220	1zgl	2f54 1.050445431
## 3221	2ak4	2f54 0.930488029
## 3222	2bnq	2f54 1.238384325
## 3223	2bnr	2f54 1.254462597
## 3224	2esv	2f54 1.623136129
## 3225	2f53	2f54 1.290476158
## 3226	2f54	2f54 0.000000000
## 3227	2gj6	2f54 1.447473932
## 3228	2iam	2f54 2.298768572
## 3229	2ian	2f54 1.039392423
## 3230	2nx5	2f54 0.701379599
## 3231	2p5e	2f54 1.288653205
## 3232	2p5w	2f54 1.288948001
## 3233	2pye	2f54 1.332782998
## 3234	2vlj	2f54 1.127483434
## 3235	2vlk	2f54 1.833698080
## 3236	2vlr	2f54 0.692783301
## 3237	2xn9	2f54 1.305916962
## 3238	2yp1	2f54 1.303828975
## 3239	3d39	2f54 1.429049691
## 3240	3d3v	2f54 1.537669281
## 3241	3dxa	2f54 0.876321319
## 3242	3ffc	2f54 1.572812284
## 3243	3gsn	2f54 1.244450406
## 3244	3h9s	2f54 1.429688521
## 3245	3hg1	2f54 1.306453073
## 3246	3kpr	2f54 0.882987382
## 3247	3kps	2f54 1.439169163
## 3248	3kxf	2f54 0.941718356
## 3249	3mv7	2f54 1.629896768
## 3250	3mv8	2f54 1.306733581
## 3251	3mv9	2f54 1.652375042
## 3252	3o41	2f54 1.237657263
## 3253	3pwp	2f54 1.429463822
## 3254	3qdg	2f54 1.003470281
## 3255	3qdj	2f54 1.004967522
## 3256	3qdm	2f54 0.899724862
## 3257	3qeq	2f54 1.132614109
## 3258	3qfj	2f54 1.182373488
## 3259	3sjv	2f54 0.677760106
## 3260	3uts	2f54 0.704109606
## 3261	3utt	2f54 1.278556878
## 3262	3vxm	2f54 1.181667048
## 3263	3vxr	2f54 1.684354614
## 3264	3vxs	2f54 1.323345733
## 3265	4c56	2f54 0.957755353
## 3266	4e41	2f54 2.803235861
## 3267	4eup	2f54 0.919861820

## 3268	4ftv	2f54 1.471160641
## 3269	4g8g	2f54 1.847366318
## 3270	4g9f	2f54 1.407388899
## 3271	4gg6	2f54 1.390463004
## 3272	4jfd	2f54 1.298350405
## 3273	4jfe	2f54 1.298478818
## 3274	4jff	2f54 1.299768955
## 3275	4jrx	2f54 1.268412911
## 3276	4jry	2f54 1.513253107
## 3277	4l3e	2f54 1.474183595
## 3278	4mji	2f54 2.024370123
## 3279	4mnq	2f54 1.598224377
## 3280	4ozf	2f54 1.183536548
## 3281	4ozg	2f54 2.102051474
## 3282	4ozh	2f54 1.445602113
## 3283	4ozi	2f54 2.257259761
## 3284	4prh	2f54 1.558201198
## 3285	4pri	2f54 1.492295147
## 3286	4prp	2f54 1.495301963
## 3287	4qok	2f54 1.466423653
## 3288	4qrp	2f54 1.201383238
## 3289	4y19	2f54 1.858561277
## 3290	4y1a	2f54 1.601686090
## 3291	4z7u	2f54 1.273067589
## 3292	4z7v	2f54 1.041505243
## 3293	4z7w	2f54 1.074990526
## 3294	5d2l	2f54 0.954226163
## 3295	5d2n	2f54 0.899217107
## 3296	1lp9	2f54 0.917680214
## 3297	1ymm	2f54 1.750807340
## 3298	2j8u	2f54 0.916777394
## 3299	2jcc	2f54 0.916350286
## 3300	2uwe	2f54 0.917036544
## 3301	2wbj	2f54 0.940382852
## 3302	3gjf	2f54 1.036036208
## 3303	3hae	2f54 0.784516175
## 3304	3nfj	2f54 0.952038397
## 3305	3o6f	2f54 0.978122468
## 3306	3p16	2f54 1.619516116
## 3307	3t0e	2f54 1.366643201
## 3308	4euq	2f54 1.509394710
## 3309	4grl	2f54 1.233850426
## 3310	4h1l	2f54 1.271035372
## 3311	4may	2f54 1.620135113
## 3312	4p4k	2f54 0.912641153
## 3313	4qrr	2f54 1.573651767
## 3314	4wuu	2f54 1.297799295
## 3315	4zez	2f54 1.159472751
## 3316	5brz	2f54 1.269391445
## 3317	5bs0	2f54 1.514211944
## 3318	5c07	2f54 0.694377602
## 3319	5c08	2f54 0.927331304
## 3320	5c09	2f54 1.280725734
## 3321	5c0a	2f54 1.019652131

## 3322	5c0b	2f54 1.355905479
## 3323	5c0c	2f54 0.786448594
## 3324	5e6i	2f54 0.998669470
## 3325	5e9d	2f54 1.065462560
## 3326	5eu6	2f54 1.501235407
## 3327	5euo	2f54 4.787160138
## 3328	5hhm	2f54 0.993081399
## 3329	5hho	2f54 1.301992325
## 3330	5hyj	2f54 0.826317761
## 3331	5isz	2f54 1.240171840
## 3332	5jhd	2f54 0.969071375
## 3333	5jzi	2f54 1.159151565
## 3334	5ks9	2f54 1.561850428
## 3335	5ksa	2f54 1.472167800
## 3336	5ksb	2f54 1.074622012
## 3337	5men	2f54 1.597030926
## 3338	5nht	2f54 1.252880492
## 3339	5nme	2f54 0.989506916
## 3340	5nmf	2f54 0.730157885
## 3341	5nmg	2f54 0.868228611
## 3342	5nqk	2f54 1.261998524
## 3343	5tez	2f54 1.751422187
## 3344	5w1v	2f54 1.899904154
## 3345	5w1w	2f54 2.159512125
## 3346	5wkf	2f54 1.178572603
## 3347	5wkh	2f54 1.043204623
## 3348	5xot	2f54 1.636018977
## 3349	5xov	2f54 0.952038397
## 3350	5yxn	2f54 1.592022882
## 3351	5yxu	2f54 0.918719899
## 3352	6am5	2f54 1.486844050
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## 3355	6avg	2f54 1.321240751
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## 3358	6bj8	2f54 1.600559062
## 3359	6cql	2f54 1.593581799
## 3360	6cqn	2f54 2.137530426
## 3361	6cqq	2f54 1.049923984
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## 3363	6d78	2f54 1.495503667
## 3364	6dfx	2f54 2.248952899
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## 3366	6dxf	2f54 1.373605542
## 3367	6eqa	2f54 1.309276903
## 3368	6eqb	2f54 1.298773319
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## 3372	6py2	2f54 1.413476742
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## 3374	6r2l	2f54 1.211379211
## 3375	6rp9	2f54 0.923700116

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## 3386	6vma	2f54 1.514445055
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## 3398	6zkw	2f54 1.498585742
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## 3406	7l1d	2f54 1.700119018
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## 3412	7n2n	2f54 1.313350558
## 3413	7n2o	2f54 1.217248770
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## 3419	8VCY	2f54 1.238467795
## 3420	8VD0	2f54 1.115822996
## 3421	8VD2	2f54 1.567481456
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## 3424	6XC9	2f54 0.847656656
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## 3428	1j8h	2gj6 0.683080376
## 3429	1mi5	2gj6 0.884923227

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## 3436	2bnq	2gj6 0.842191441
## 3437	2bnr	2gj6 1.187863237
## 3438	2esv	2gj6 0.871019832
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## 3440	2f54	2gj6 1.447473932
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## 3448	2vlj	2gj6 1.679528472
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## 3450	2vlr	2gj6 1.042619604
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## 3452	2yp1	2gj6 1.307489542
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## 3454	3d3v	2gj6 1.106507805
## 3455	3dxa	2gj6 1.363833443
## 3456	3ffc	2gj6 1.408110190
## 3457	3gsn	2gj6 1.146477567
## 3458	3h9s	2gj6 0.989500966
## 3459	3hg1	2gj6 0.954818262
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## 3461	3kps	2gj6 1.440167406
## 3462	3kxf	2gj6 0.987282190
## 3463	3mv7	2gj6 1.284564467
## 3464	3mv8	2gj6 1.211821193
## 3465	3mv9	2gj6 0.988305646
## 3466	3o41	2gj6 1.209211430
## 3467	3pwp	2gj6 0.984986699
## 3468	3qdg	2gj6 0.982249374
## 3469	3qdj	2gj6 0.980229946
## 3470	3qdm	2gj6 2.079717196
## 3471	3qeq	2gj6 1.219155660
## 3472	3qfj	2gj6 1.130032069
## 3473	3sjv	2gj6 0.992058260
## 3474	3uts	2gj6 0.911044829
## 3475	3utt	2gj6 0.874397556
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## 3477	3vxr	2gj6 1.539920577
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## 3479	4c56	2gj6 0.905333223
## 3480	4e41	2gj6 3.811938375
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## 3482	4ftv	2gj6 1.456364766
## 3483	4g8g	2gj6 1.772874614

## 3484	4g9f	2gj6 0.819226475
## 3485	4gg6	2gj6 1.575748999
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## 3487	4jfe	2gj6 0.949212534
## 3488	4jff	2gj6 0.946261307
## 3489	4jrx	2gj6 1.315422725
## 3490	4jry	2gj6 1.636947211
## 3491	4l3e	2gj6 1.335788091
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## 3493	4mnq	2gj6 1.018342268
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## 3495	4ozg	2gj6 3.062042943
## 3496	4ozh	2gj6 2.391566282
## 3497	4ozi	2gj6 2.933243090
## 3498	4prh	2gj6 1.392690015
## 3499	4pri	2gj6 1.458700910
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## 3504	4y1a	2gj6 1.235602343
## 3505	4z7u	2gj6 1.562612573
## 3506	4z7v	2gj6 1.576398707
## 3507	4z7w	2gj6 0.981902427
## 3508	5d2l	2gj6 0.961787565
## 3509	5d2n	2gj6 0.914613759
## 3510	1lp9	2gj6 0.897944493
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## 3512	2j8u	2gj6 0.898538406
## 3513	2jcc	2gj6 0.898087771
## 3514	2uwe	2gj6 0.898160871
## 3515	2wbj	2gj6 1.174259754
## 3516	3gjf	2gj6 1.159587009
## 3517	3hae	2gj6 1.188752771
## 3518	3nfj	2gj6 0.984168940
## 3519	3o6f	2gj6 0.853656340
## 3520	3pl6	2gj6 1.108639197
## 3521	3t0e	2gj6 1.339334105
## 3522	4euq	2gj6 1.403866397
## 3523	4grl	2gj6 1.121094464
## 3524	4h1l	2gj6 1.690287004
## 3525	4may	2gj6 1.441281141
## 3526	4p4k	2gj6 0.909422536
## 3527	4qrr	2gj6 1.375676138
## 3528	4wuu	2gj6 1.368464983
## 3529	4zez	2gj6 1.621515882
## 3530	5brz	2gj6 1.990204223
## 3531	5bs0	2gj6 3.145668114
## 3532	5c07	2gj6 1.225695657
## 3533	5c08	2gj6 1.121879977
## 3534	5c09	2gj6 0.867728460
## 3535	5c0a	2gj6 1.624879857
## 3536	5c0b	2gj6 1.192003884
## 3537	5c0c	2gj6 1.548714902

## 3538	5e6i	2gj6 1.124583589
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## 3540	5eu6	2gj6 1.028795795
## 3541	5euo	2gj6 7.025259424
## 3542	5hhm	2gj6 1.016691638
## 3543	5hho	2gj6 1.575973941
## 3544	5hyj	2gj6 1.104386760
## 3545	5isz	2gj6 1.135467413
## 3546	5jhd	2gj6 1.224759956
## 3547	5jzi	2gj6 1.621240827
## 3548	5ks9	2gj6 1.301380166
## 3549	5ksa	2gj6 1.415247919
## 3550	5ksb	2gj6 1.197257721
## 3551	5men	2gj6 1.016986511
## 3552	5nht	2gj6 1.520085297
## 3553	5nme	2gj6 0.769138091
## 3554	5nmf	2gj6 1.030549378
## 3555	5nmg	2gj6 1.007821897
## 3556	5nqk	2gj6 1.526714994
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## 3560	5wkf	2gj6 1.251723304
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## 3565	5yxu	2gj6 1.044650201
## 3566	6am5	2gj6 1.352543028
## 3567	6amu	2gj6 1.335305513
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## 3571	6bj3	2gj6 1.760955567
## 3572	6bj8	2gj6 1.760546101
## 3573	6cql	2gj6 1.381112085
## 3574	6cqn	2gj6 2.936126324
## 3575	6cqq	2gj6 1.946680546
## 3576	6cqr	2gj6 1.229680317
## 3577	6d78	2gj6 1.350158138
## 3578	6dfx	2gj6 2.781675050
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## 3582	6eqb	2gj6 0.953560886
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## 3584	6p64	2gj6 2.576904157
## 3585	6px6	2gj6 1.189670364
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## 3594	6tro	2gj6 0.678613564
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## 3596	6u3o	2gj6 2.215400247
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## 3599	6vm8	2gj6 1.339753491
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## 3608	7n6e	2gj6 1.078723154
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## 3614	6zky	2gj6 1.459788673
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## 3620	7l1d	2gj6 1.184059280
## 3621	7sg0	2gj6 1.185110320
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## 3628	7n2r	2gj6 1.537449771
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## 3635	8VD2	2gj6 0.855315986
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## 3716	4qrp	2iam 2.572880636
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## 3718	4y1a	2iam 3.559109439
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## 4164	4euq	2nx5 0.838948179
## 4165	4grl	2nx5 0.820552768
## 4166	4h1l	2nx5 0.854173051
## 4167	4may	2nx5 0.822099761
## 4168	4p4k	2nx5 0.578771247
## 4169	4qrr	2nx5 0.844222002
## 4170	4wuu	2nx5 0.818821540
## 4171	4zez	2nx5 0.791911870
## 4172	5brz	2nx5 1.293642405
## 4173	5bs0	2nx5 1.647568449
## 4174	5c07	2nx5 0.592451595
## 4175	5c08	2nx5 0.669259498
## 4176	5c09	2nx5 0.697716777
## 4177	5c0a	2nx5 0.667906898
## 4178	5c0b	2nx5 0.706816709
## 4179	5c0c	2nx5 0.745475446
## 4180	5e6i	2nx5 0.605127125
## 4181	5e9d	2nx5 0.606283172
## 4182	5eu6	2nx5 0.891402065
## 4183	5euo	2nx5 3.478785793
## 4184	5hhm	2nx5 0.679255513
## 4185	5hho	2nx5 0.800510134

## 4186	5hyj	2nx5 0.552330608
## 4187	5isz	2nx5 0.893879569
## 4188	5jhd	2nx5 0.763365839
## 4189	5jzi	2nx5 0.791823749
## 4190	5ks9	2nx5 0.820598715
## 4191	5ksa	2nx5 0.820807967
## 4192	5ksb	2nx5 0.612425195
## 4193	5men	2nx5 0.827768490
## 4194	5nht	2nx5 0.821509050
## 4195	5nme	2nx5 0.729902375
## 4196	5nmf	2nx5 0.677122631
## 4197	5nmg	2nx5 0.561626265
## 4198	5nqk	2nx5 0.823394630
## 4199	5tez	2nx5 1.801207331
## 4200	5w1v	2nx5 1.403444682
## 4201	5w1w	2nx5 1.644320197
## 4202	5wkf	2nx5 0.650572834
## 4203	5wkh	2nx5 0.553314301
## 4204	5xot	2nx5 0.809887768
## 4205	5xov	2nx5 0.501151550
## 4206	5yxn	2nx5 0.855018893
## 4207	5yxu	2nx5 0.571821362
## 4208	6am5	2nx5 0.823816084
## 4209	6amu	2nx5 0.815441886
## 4210	6avf	2nx5 1.140417158
## 4211	6avg	2nx5 0.692904045
## 4212	6bj2	2nx5 0.910932053
## 4213	6bj3	2nx5 0.853894961
## 4214	6bj8	2nx5 0.855914687
## 4215	6cql	2nx5 0.891942255
## 4216	6cqn	2nx5 1.630838080
## 4217	6cqq	2nx5 0.879135837
## 4218	6cqr	2nx5 0.677696481
## 4219	6d78	2nx5 0.826865725
## 4220	6dfx	2nx5 1.603748714
## 4221	6dkp	2nx5 0.820694784
## 4222	6dxs	2nx5 1.216079123
## 4223	6eqa	2nx5 0.829471439
## 4224	6eqb	2nx5 0.827790910
## 4225	6mtm	2nx5 0.824667422
## 4226	6p64	2nx5 1.346952141
## 4227	6px6	2nx5 0.763901554
## 4228	6py2	2nx5 0.837976773
## 4229	6q3s	2nx5 0.885415430
## 4230	6r2l	2nx5 0.812520937
## 4231	6rp9	2nx5 0.463165814
## 4232	6rpa	2nx5 0.777382329
## 4233	6rpb	2nx5 0.529876424
## 4234	6rsy	2nx5 0.589301275
## 4235	6tmo	2nx5 0.784130425
## 4236	6tro	2nx5 0.989038981
## 4237	6u3n	2nx5 0.789338511
## 4238	6u3o	2nx5 1.008228733
## 4239	6uon	2nx5 0.625469987

## 4240	6vm7	2nx5 0.801173100
## 4241	6vm8	2nx5 0.799689819
## 4242	6vma	2nx5 0.842169230
## 4243	6vmc	2nx5 0.881171939
## 4244	6vmx	2nx5 0.702128407
## 4245	6vqo	2nx5 0.638799913
## 4246	6vrm	2nx5 1.041575510
## 4247	6vrn	2nx5 0.859207568
## 4248	7n1e	2nx5 0.773536715
## 4249	7n1f	2nx5 0.817614841
## 4250	7n6e	2nx5 0.529685699
## 4251	6xc9	2nx5 0.632167258
## 4252	6xco	2nx5 0.853031347
## 4253	6xcp	2nx5 1.672167373
## 4254	6zkw	2nx5 0.771565855
## 4255	6zkk	2nx5 0.838599514
## 4256	6zky	2nx5 0.771656858
## 4257	6zkz	2nx5 0.777397391
## 4258	7dzm	2nx5 0.997386906
## 4259	7dzn	2nx5 0.848391508
## 4260	7rm4	2nx5 0.542163304
## 4261	7rtr	2nx5 0.769692459
## 4262	7l1d	2nx5 0.891647123
## 4263	7sg0	2nx5 0.961331912
## 4264	7sg1	2nx5 0.644851225
## 4265	7sg2	2nx5 0.641900446
## 4266	7rrg	2nx5 0.810610212
## 4267	7n2s	2nx5 0.829037705
## 4268	7n2n	2nx5 0.823484618
## 4269	7n2o	2nx5 0.742850176
## 4270	7n2r	2nx5 0.732067163
## 4271	7n2p	2nx5 0.817795820
## 4272	7n2q	2nx5 0.652854430
## 4273	8cx4	2nx5 0.720889773
## 4274	8VCX	2nx5 1.404153706
## 4275	8VCY	2nx5 0.825236025
## 4276	8VD0	2nx5 0.575445372
## 4277	8VD2	2nx5 0.845828316
## 4278	6XCP	2nx5 1.672002016
## 4279	6XC0	2nx5 0.853457358
## 4280	6XC9	2nx5 0.631787484
## 4281	1ao7	2p5e 0.955943003
## 4282	1bd2	2p5e 0.608724854
## 4283	1fyt	2p5e 0.702954407
## 4284	1j8h	2p5e 1.194957158
## 4285	1mi5	2p5e 1.040241555
## 4286	1oga	2p5e 0.738223254
## 4287	1qrn	2p5e 0.990910927
## 4288	1qse	2p5e 1.187295558
## 4289	1qsf	2p5e 0.981650803
## 4290	1zgl	2p5e 1.002157670
## 4291	2ak4	2p5e 0.809730301
## 4292	2bnq	2p5e 0.902207654
## 4293	2bnr	2p5e 0.906917824

## 4294	2esv	2p5e 0.919078907
## 4295	2f53	2p5e 0.048385473
## 4296	2f54	2p5e 1.288653205
## 4297	2gj6	2p5e 1.147474220
## 4298	2iam	2p5e 3.267240439
## 4299	2ian	2p5e 0.857025866
## 4300	2nx5	2p5e 0.720317260
## 4301	2p5e	2p5e 0.000000000
## 4302	2p5w	2p5e 0.025671921
## 4303	2pye	2p5e 0.437891842
## 4304	2vlj	2p5e 0.937962934
## 4305	2vlk	2p5e 1.693318758
## 4306	2vlr	2p5e 0.791602337
## 4307	2xn9	2p5e 0.808211022
## 4308	2yp1	2p5e 0.999711221
## 4309	3d39	2p5e 0.805121576
## 4310	3d3v	2p5e 0.670576373
## 4311	3dxa	2p5e 1.017931986
## 4312	3ffc	2p5e 1.192428077
## 4313	3gsn	2p5e 0.807401182
## 4314	3h9s	2p5e 0.803831286
## 4315	3hg1	2p5e 0.743000460
## 4316	3kpr	2p5e 0.670737094
## 4317	3kps	2p5e 0.461976042
## 4318	3kxf	2p5e 0.804542070
## 4319	3mv7	2p5e 0.888633331
## 4320	3mv8	2p5e 0.924987740
## 4321	3mv9	2p5e 0.988303715
## 4322	3o41	2p5e 0.880030244
## 4323	3pwp	2p5e 0.806773260
## 4324	3qdg	2p5e 1.184867871
## 4325	3qdj	2p5e 1.184219141
## 4326	3qdm	2p5e 1.881120411
## 4327	3qeq	2p5e 0.907640574
## 4328	3qfj	2p5e 0.839084842
## 4329	3sjv	2p5e 0.865279461
## 4330	3uts	2p5e 1.030069052
## 4331	3utt	2p5e 0.906548844
## 4332	3vxm	2p5e 0.398988879
## 4333	3vxr	2p5e 1.022267970
## 4334	3vxs	2p5e 0.614994988
## 4335	4c56	2p5e 0.737665313
## 4336	4e41	2p5e 4.126299681
## 4337	4eup	2p5e 0.762822057
## 4338	4ftv	2p5e 0.665596169
## 4339	4g8g	2p5e 1.139045567
## 4340	4g9f	2p5e 0.842690044
## 4341	4gg6	2p5e 1.193353473
## 4342	4jfd	2p5e 0.748124666
## 4343	4jfe	2p5e 0.749058124
## 4344	4jff	2p5e 0.749201892
## 4345	4jrx	2p5e 0.439163450
## 4346	4jry	2p5e 0.906973235
## 4347	4l3e	2p5e 0.957496700

## 4348	4mji	2p5e 1.810714070
## 4349	4mnq	2p5e 0.724186180
## 4350	4ozf	2p5e 1.258394752
## 4351	4ozg	2p5e 3.236599919
## 4352	4ozh	2p5e 2.253819018
## 4353	4ozi	2p5e 3.232025939
## 4354	4prh	2p5e 0.786211937
## 4355	4pri	2p5e 0.791715436
## 4356	4prp	2p5e 0.778263449
## 4357	4qok	2p5e 0.929150063
## 4358	4qrp	2p5e 0.796637860
## 4359	4y19	2p5e 1.313421915
## 4360	4y1a	2p5e 0.800196886
## 4361	4z7u	2p5e 1.648791861
## 4362	4z7v	2p5e 1.332905948
## 4363	4z7w	2p5e 0.615416531
## 4364	5d2l	2p5e 0.989664972
## 4365	5d2n	2p5e 0.584071103
## 4366	1lp9	2p5e 0.555783517
## 4367	1ymm	2p5e 1.290702342
## 4368	2j8u	2p5e 0.555445794
## 4369	2jcc	2p5e 0.555958397
## 4370	2uwe	2p5e 0.554798614
## 4371	2wbj	2p5e 0.992890577
## 4372	3gjf	2p5e 0.826451321
## 4373	3hae	2p5e 1.027226410
## 4374	3nfj	2p5e 0.816793868
## 4375	3o6f	2p5e 0.598599703
## 4376	3p16	2p5e 1.156630449
## 4377	3t0e	2p5e 1.013175547
## 4378	4euq	2p5e 1.246717838
## 4379	4grl	2p5e 0.824571449
## 4380	4h1l	2p5e 1.312545174
## 4381	4may	2p5e 0.772002676
## 4382	4p4k	2p5e 0.781798836
## 4383	4qrr	2p5e 0.903649497
## 4384	4wuu	2p5e 0.970199568
## 4385	4zez	2p5e 1.290115245
## 4386	5brz	2p5e 2.088268687
## 4387	5bs0	2p5e 3.000030147
## 4388	5c07	2p5e 1.102784069
## 4389	5c08	2p5e 0.929528320
## 4390	5c09	2p5e 0.911875745
## 4391	5c0a	2p5e 1.333173839
## 4392	5c0b	2p5e 1.006573957
## 4393	5c0c	2p5e 1.382834476
## 4394	5e6i	2p5e 1.177543462
## 4395	5e9d	2p5e 0.564439632
## 4396	5eu6	2p5e 1.071631640
## 4397	5euo	2p5e 7.213670654
## 4398	5hhm	2p5e 1.173816499
## 4399	5hho	2p5e 0.939821216
## 4400	5hyj	2p5e 1.044126273
## 4401	5isz	2p5e 1.106677477

## 4402	5jhd	2p5e 1.198622884
## 4403	5jzi	2p5e 1.289368149
## 4404	5ks9	2p5e 1.220940549
## 4405	5ksa	2p5e 0.900720974
## 4406	5ksb	2p5e 0.704470508
## 4407	5men	2p5e 0.724221474
## 4408	5nht	2p5e 1.037960730
## 4409	5nme	2p5e 1.178367421
## 4410	5nmf	2p5e 0.902258200
## 4411	5nmg	2p5e 0.895614849
## 4412	5nqk	2p5e 1.044520521
## 4413	5tez	2p5e 3.403426271
## 4414	5w1v	2p5e 3.128833654
## 4415	5w1w	2p5e 3.336213390
## 4416	5wkf	2p5e 0.736285677
## 4417	5wkh	2p5e 0.721493312
## 4418	5xot	2p5e 0.841793891
## 4419	5xov	2p5e 0.816793868
## 4420	5yxn	2p5e 0.928411832
## 4421	5yxu	2p5e 0.803094711
## 4422	6am5	2p5e 0.962968037
## 4423	6amu	2p5e 0.925315683
## 4424	6avf	2p5e 1.865847552
## 4425	6avg	2p5e 0.951130295
## 4426	6bj2	2p5e 1.510991478
## 4427	6bj3	2p5e 0.991372983
## 4428	6bj8	2p5e 0.992392240
## 4429	6cql	2p5e 1.064974474
## 4430	6cqn	2p5e 2.888748953
## 4431	6cqq	2p5e 1.736193433
## 4432	6cqr	2p5e 0.794023339
## 4433	6d78	2p5e 0.957222294
## 4434	6dfx	2p5e 3.090382823
## 4435	6dkp	2p5e 0.950569103
## 4436	6dx f	2p5e 1.869202263
## 4437	6eqa	2p5e 0.747892902
## 4438	6eqb	2p5e 0.745836161
## 4439	6mtm	2p5e 0.905162537
## 4440	6p64	2p5e 2.775252651
## 4441	6px6	2p5e 0.553884025
## 4442	6py2	2p5e 0.737742960
## 4443	6q3s	2p5e 0.982375164
## 4444	6r2l	2p5e 0.848605178
## 4445	6rp9	2p5e 0.964298395
## 4446	6rpa	2p5e 0.731251040
## 4447	6rpb	2p5e 1.005841530
## 4448	6rsy	2p5e 0.731716217
## 4449	6tmo	2p5e 0.813632114
## 4450	6tro	2p5e 1.162848431
## 4451	6u3n	2p5e 0.711552807
## 4452	6u3o	2p5e 1.899752933
## 4453	6uon	2p5e 1.024759661
## 4454	6vm7	2p5e 0.800949090
## 4455	6vm8	2p5e 0.795189358

## 4456	6vma	2p5e 0.810572937
## 4457	6vmc	2p5e 1.202292796
## 4458	6vmx	2p5e 1.062780599
## 4459	6vqo	2p5e 0.701069866
## 4460	6vrm	2p5e 1.559650009
## 4461	6vrn	2p5e 0.996377471
## 4462	7n1e	2p5e 0.641237853
## 4463	7n1f	2p5e 0.677375173
## 4464	7n6e	2p5e 0.703496225
## 4465	6xc9	2p5e 0.909919729
## 4466	6xco	2p5e 0.950702257
## 4467	6xcp	2p5e 3.022476442
## 4468	6zkw	2p5e 0.705082859
## 4469	6zkk	2p5e 0.797715805
## 4470	6zky	2p5e 0.705554690
## 4471	6zkz	2p5e 0.774564598
## 4472	7dzm	2p5e 1.468860476
## 4473	7dzn	2p5e 0.891371380
## 4474	7rm4	2p5e 1.178944579
## 4475	7rtr	2p5e 0.567158600
## 4476	7l1d	2p5e 1.045726674
## 4477	7sg0	2p5e 1.244811876
## 4478	7sg1	2p5e 1.085055648
## 4479	7sg2	2p5e 1.071905848
## 4480	7rrg	2p5e 0.692683631
## 4481	7n2s	2p5e 0.792361410
## 4482	7n2n	2p5e 0.792331382
## 4483	7n2o	2p5e 0.562293657
## 4484	7n2r	2p5e 0.720746445
## 4485	7n2p	2p5e 0.968625947
## 4486	7n2q	2p5e 0.933131307
## 4487	8cx4	2p5e 0.486133491
## 4488	8VCX	2p5e 2.614671377
## 4489	8VCY	2p5e 0.832316295
## 4490	8VD0	2p5e 0.681644360
## 4491	8VD2	2p5e 0.822958900
## 4492	6XCP	2p5e 3.021993480
## 4493	6XC0	2p5e 0.950940111
## 4494	6XC9	2p5e 0.907661912
## 4495	1ao7	2p5w 0.956335453
## 4496	1bd2	2p5w 0.609479825
## 4497	1fyt	2p5w 0.704087851
## 4498	1j8h	2p5w 1.196183042
## 4499	1mi5	2p5w 1.042817832
## 4500	1oga	2p5w 0.740937980
## 4501	1qrn	2p5w 0.991222845
## 4502	1qse	2p5w 1.187399185
## 4503	1qsf	2p5w 0.981970361
## 4504	1zgl	2p5w 1.003154719
## 4505	2ak4	2p5w 0.810831133
## 4506	2bnq	2p5w 0.904015355
## 4507	2bnr	2p5w 0.909580388
## 4508	2esv	2p5w 0.920056883
## 4509	2f53	2p5w 0.045410146

## 4510	2f54	2p5w 1.288948001
## 4511	2gj6	2p5w 1.148426270
## 4512	2iam	2p5w 3.269272559
## 4513	2ian	2p5w 0.858351700
## 4514	2nx5	2p5w 0.720992793
## 4515	2p5e	2p5w 0.025671921
## 4516	2p5w	2p5w 0.000000000
## 4517	2pye	2p5w 0.440479928
## 4518	2vlj	2p5w 0.938624587
## 4519	2vlk	2p5w 1.693262910
## 4520	2vlr	2p5w 0.791493554
## 4521	2xn9	2p5w 0.810296162
## 4522	2yp1	2p5w 1.002018553
## 4523	3d39	2p5w 0.807931217
## 4524	3d3v	2p5w 0.672244645
## 4525	3dxa	2p5w 1.018607371
## 4526	3ffc	2p5w 1.195054212
## 4527	3gsn	2p5w 0.809445712
## 4528	3h9s	2p5w 0.806651255
## 4529	3hg1	2p5w 0.744173885
## 4530	3kpr	2p5w 0.671931181
## 4531	3kps	2p5w 0.464615682
## 4532	3kxf	2p5w 0.805723349
## 4533	3mv7	2p5w 0.891308885
## 4534	3mv8	2p5w 0.927480990
## 4535	3mv9	2p5w 0.989945388
## 4536	3o41	2p5w 0.881190980
## 4537	3pwp	2p5w 0.809587385
## 4538	3qdg	2p5w 1.185031384
## 4539	3qdj	2p5w 1.184000529
## 4540	3qdm	2p5w 1.881126632
## 4541	3qeq	2p5w 0.909177635
## 4542	3qfj	2p5w 0.840520810
## 4543	3sjv	2p5w 0.865328482
## 4544	3uts	2p5w 1.030537622
## 4545	3utt	2p5w 0.908983909
## 4546	3vxm	2p5w 0.399517478
## 4547	3vxr	2p5w 1.025836318
## 4548	3vxs	2p5w 0.616903428
## 4549	4c56	2p5w 0.739629572
## 4550	4e41	2p5w 4.128144305
## 4551	4eup	2p5w 0.764361599
## 4552	4ftv	2p5w 0.669390448
## 4553	4g8g	2p5w 1.142464349
## 4554	4g9f	2p5w 0.845693422
## 4555	4gg6	2p5w 1.195072759
## 4556	4jfd	2p5w 0.748971641
## 4557	4jfe	2p5w 0.749922982
## 4558	4jff	2p5w 0.750072067
## 4559	4jrx	2p5w 0.440438477
## 4560	4jry	2p5w 0.909406188
## 4561	4l3e	2p5w 0.961011092
## 4562	4mji	2p5w 1.812859653
## 4563	4mnq	2p5w 0.725922919

## 4564	4ozf	2p5w 1.260189299
## 4565	4ozg	2p5w 3.237262150
## 4566	4ozh	2p5w 2.254869676
## 4567	4ozi	2p5w 3.233048347
## 4568	4prh	2p5w 0.789455351
## 4569	4pri	2p5w 0.793856077
## 4570	4prp	2p5w 0.781286916
## 4571	4qok	2p5w 0.930885256
## 4572	4qrp	2p5w 0.798180354
## 4573	4y19	2p5w 1.316941092
## 4574	4y1a	2p5w 0.803758965
## 4575	4z7u	2p5w 1.649672674
## 4576	4z7v	2p5w 1.334117061
## 4577	4z7w	2p5w 0.616522848
## 4578	5d2l	2p5w 0.990505099
## 4579	5d2n	2p5w 0.584982582
## 4580	1lp9	2p5w 0.556680742
## 4581	1ymm	2p5w 1.294751526
## 4582	2j8u	2p5w 0.556338823
## 4583	2jcc	2p5w 0.556847602
## 4584	2uwe	2p5w 0.555695912
## 4585	2wbj	2p5w 0.994311449
## 4586	3gjf	2p5w 0.827732638
## 4587	3hae	2p5w 1.027969264
## 4588	3nfj	2p5w 0.818042977
## 4589	3o6f	2p5w 0.599627672
## 4590	3pl6	2p5w 1.159276585
## 4591	3t0e	2p5w 1.015491011
## 4592	4euq	2p5w 1.249590001
## 4593	4grl	2p5w 0.826964886
## 4594	4h1l	2p5w 1.314204930
## 4595	4may	2p5w 0.775061484
## 4596	4p4k	2p5w 0.783243796
## 4597	4qrr	2p5w 0.906949127
## 4598	4wuu	2p5w 0.972490450
## 4599	4zez	2p5w 1.291932033
## 4600	5brz	2p5w 2.086759584
## 4601	5bs0	2p5w 2.999302047
## 4602	5c07	2p5w 1.103833021
## 4603	5c08	2p5w 0.930750822
## 4604	5c09	2p5w 0.914287295
## 4605	5c0a	2p5w 1.333880104
## 4606	5c0b	2p5w 1.008208731
## 4607	5c0c	2p5w 1.383658353
## 4608	5e6i	2p5w 1.178226456
## 4609	5e9d	2p5w 0.565793688
## 4610	5eu6	2p5w 1.074378528
## 4611	5euo	2p5w 7.216803961
## 4612	5hhm	2p5w 1.174456504
## 4613	5hho	2p5w 0.942972681
## 4614	5hyj	2p5w 1.045163352
## 4615	5isz	2p5w 1.107927467
## 4616	5jhd	2p5w 1.199461704
## 4617	5jzi	2p5w 1.291195203

## 4618	5ks9	2p5w 1.222995060
## 4619	5ksa	2p5w 0.904364220
## 4620	5ksb	2p5w 0.706372270
## 4621	5men	2p5w 0.725970374
## 4622	5nht	2p5w 1.040500370
## 4623	5nme	2p5w 1.179040609
## 4624	5nmf	2p5w 0.902185696
## 4625	5nmg	2p5w 0.897353298
## 4626	5nqk	2p5w 1.047078593
## 4627	5tez	2p5w 3.403481700
## 4628	5w1v	2p5w 3.130192668
## 4629	5w1w	2p5w 3.337956593
## 4630	5wkf	2p5w 0.738194383
## 4631	5wkh	2p5w 0.723293273
## 4632	5xot	2p5w 0.844946638
## 4633	5xov	2p5w 0.818042977
## 4634	5yxn	2p5w 0.932050863
## 4635	5yxu	2p5w 0.804301416
## 4636	6am5	2p5w 0.966529126
## 4637	6amu	2p5w 0.928755896
## 4638	6avf	2p5w 1.868446114
## 4639	6avg	2p5w 0.953597871
## 4640	6bj2	2p5w 1.512181009
## 4641	6bj3	2p5w 0.993835397
## 4642	6bj8	2p5w 0.994848307
## 4643	6cql	2p5w 1.068453166
## 4644	6cqn	2p5w 2.890514724
## 4645	6cqq	2p5w 1.737243437
## 4646	6cqr	2p5w 0.795326418
## 4647	6d78	2p5w 0.961296332
## 4648	6dfx	2p5w 3.091529479
## 4649	6dkp	2p5w 0.954236584
## 4650	6dxs	2p5w 1.868646415
## 4651	6eqa	2p5w 0.748802842
## 4652	6eqb	2p5w 0.746714353
## 4653	6mtm	2p5w 0.908601068
## 4654	6p64	2p5w 2.775928636
## 4655	6px6	2p5w 0.556114109
## 4656	6py2	2p5w 0.739137961
## 4657	6q3s	2p5w 0.985701594
## 4658	6r2l	2p5w 0.849591022
## 4659	6rp9	2p5w 0.965436055
## 4660	6rpa	2p5w 0.734405291
## 4661	6rpb	2p5w 1.006078143
## 4662	6rsy	2p5w 0.733278028
## 4663	6tmo	2p5w 0.814068993
## 4664	6tro	2p5w 1.163460269
## 4665	6u3n	2p5w 0.714365941
## 4666	6u3o	2p5w 1.900968415
## 4667	6uon	2p5w 1.026029725
## 4668	6vm7	2p5w 0.804512426
## 4669	6vm8	2p5w 0.798750137
## 4670	6vma	2p5w 0.812770581
## 4671	6vmc	2p5w 1.203562135

## 4672	6vmx	2p5w 1.064746249
## 4673	6vqo	2p5w 0.702337287
## 4674	6vrm	2p5w 1.558619454
## 4675	6vrn	2p5w 1.000333141
## 4676	7n1e	2p5w 0.642026518
## 4677	7n1f	2p5w 0.678903195
## 4678	7n6e	2p5w 0.704312661
## 4679	6xc9	2p5w 0.910669130
## 4680	6xco	2p5w 0.953798606
## 4681	6xcp	2p5w 3.022878377
## 4682	6zkw	2p5w 0.708479063
## 4683	6zkk	2p5w 0.800692175
## 4684	6zky	2p5w 0.708953677
## 4685	6zkz	2p5w 0.777439654
## 4686	7dzm	2p5w 1.470509812
## 4687	7dzn	2p5w 0.893634409
## 4688	7rm4	2p5w 1.179990876
## 4689	7rtr	2p5w 0.566726457
## 4690	7l1d	2p5w 1.049329865
## 4691	7sg0	2p5w 1.246177783
## 4692	7sg1	2p5w 1.086450554
## 4693	7sg2	2p5w 1.073332959
## 4694	7rrg	2p5w 0.694251720
## 4695	7n2s	2p5w 0.794744831
## 4696	7n2n	2p5w 0.794743819
## 4697	7n2o	2p5w 0.562301189
## 4698	7n2r	2p5w 0.722810438
## 4699	7n2p	2p5w 0.971519023
## 4700	7n2q	2p5w 0.934341649
## 4701	8cx4	2p5w 0.487994698
## 4702	8VCX	2p5w 2.616342825
## 4703	8VCY	2p5w 0.834686624
## 4704	8VD0	2p5w 0.683079145
## 4705	8VD2	2p5w 0.825026840
## 4706	6XCP	2p5w 3.022389294
## 4707	6XC0	2p5w 0.954034777
## 4708	6XC9	2p5w 0.908391761
## 4709	1ao7	2pye 1.337546640
## 4710	1bd2	2pye 0.673091843
## 4711	1fyt	2pye 1.000866472
## 4712	1j8h	2pye 1.501544662
## 4713	1mi5	2pye 1.234849742
## 4714	1oga	2pye 0.881164370
## 4715	1qrn	2pye 1.373316623
## 4716	1qse	2pye 1.516697037
## 4717	1qsf	2pye 1.363958628
## 4718	1zgl	2pye 0.989869193
## 4719	2ak4	2pye 0.757980198
## 4720	2bnq	2pye 1.082805196
## 4721	2bnr	2pye 0.907148516
## 4722	2esv	2pye 1.266771890
## 4723	2f53	2pye 0.450245998
## 4724	2f54	2pye 1.332782998
## 4725	2gj6	2pye 1.486700485

## 4726	2iam	2pye 3.295297605
## 4727	2ian	2pye 0.878601605
## 4728	2nx5	2pye 0.717557313
## 4729	2p5e	2pye 0.437891842
## 4730	2p5w	2pye 0.440479928
## 4731	2pye	2pye 0.000000000
## 4732	2vlj	2pye 0.898134666
## 4733	2vlk	2pye 2.076883949
## 4734	2vlr	2pye 0.861616616
## 4735	2xn9	2pye 0.897994915
## 4736	2yp1	2pye 0.996339225
## 4737	3d39	2pye 0.971771282
## 4738	3d3v	2pye 0.862928428
## 4739	3dxa	2pye 0.942995071
## 4740	3ffc	2pye 1.151670505
## 4741	3gsn	2pye 0.912971646
## 4742	3h9s	2pye 0.969203858
## 4743	3hg1	2pye 0.993165635
## 4744	3kpr	2pye 0.583655423
## 4745	3kps	2pye 0.328057433
## 4746	3kxf	2pye 0.806960706
## 4747	3mv7	2pye 0.949521563
## 4748	3mv8	2pye 0.983988256
## 4749	3mv9	2pye 1.235609135
## 4750	3o41	2pye 1.009613055
## 4751	3pwp	2pye 0.973294404
## 4752	3qdg	2pye 1.432470389
## 4753	3qdj	2pye 1.432457170
## 4754	3qdm	2pye 1.932279413
## 4755	3qeq	2pye 0.991323070
## 4756	3qfj	2pye 0.992730925
## 4757	3sjv	2pye 0.920795184
## 4758	3uts	2pye 1.190225481
## 4759	3utt	2pye 0.959984940
## 4760	3vxm	2pye 0.361363866
## 4761	3vxr	2pye 0.907684992
## 4762	3vxs	2pye 0.367169554
## 4763	4c56	2pye 0.725250750
## 4764	4e41	2pye 4.311082943
## 4765	4eup	2pye 0.754124045
## 4766	4ftv	2pye 0.478679573
## 4767	4g8g	2pye 0.987759614
## 4768	4g9f	2pye 0.962615299
## 4769	4gg6	2pye 1.086079563
## 4770	4jfd	2pye 1.000231304
## 4771	4jfe	2pye 0.999550446
## 4772	4jff	2pye 0.999819407
## 4773	4jrx	2pye 0.511122474
## 4774	4jry	2pye 0.751531121
## 4775	4l3e	2pye 0.836016769
## 4776	4mji	2pye 1.855920262
## 4777	4mnq	2pye 0.947484259
## 4778	4ozf	2pye 1.149850853
## 4779	4ozg	2pye 3.400849396

## 4780	4ozh	2pye 2.256415384
## 4781	4ozi	2pye 3.419601127
## 4782	4prh	2pye 0.729103854
## 4783	4pri	2pye 0.774765631
## 4784	4prp	2pye 0.712604018
## 4785	4qok	2pye 1.217267792
## 4786	4qrp	2pye 0.830644170
## 4787	4y19	2pye 1.134380916
## 4788	4y1a	2pye 0.817296810
## 4789	4z7u	2pye 1.751907658
## 4790	4z7v	2pye 1.287143138
## 4791	4z7w	2pye 0.677977015
## 4792	5d2l	2pye 1.058785513
## 4793	5d2n	2pye 0.617692262
## 4794	1lp9	2pye 0.656909289
## 4795	1ymm	2pye 1.143744658
## 4796	2j8u	2pye 0.656828855
## 4797	2jcc	2pye 0.657987897
## 4798	2uwe	2pye 0.656088835
## 4799	2wbj	2pye 1.029301880
## 4800	3gjf	2pye 0.802850933
## 4801	3hae	2pye 1.044540025
## 4802	3nfj	2pye 0.870994535
## 4803	3o6f	2pye 0.714217190
## 4804	3pl6	2pye 1.277304833
## 4805	3t0e	2pye 0.981656833
## 4806	4euq	2pye 1.157521554
## 4807	4grl	2pye 0.890083488
## 4808	4h1l	2pye 1.215972956
## 4809	4may	2pye 0.750379559
## 4810	4p4k	2pye 0.838580479
## 4811	4qrr	2pye 0.910723090
## 4812	4wuu	2pye 0.928390614
## 4813	4zez	2pye 1.181601986
## 4814	5brz	2pye 2.380226345
## 4815	5bs0	2pye 3.142847261
## 4816	5c07	2pye 1.122612461
## 4817	5c08	2pye 0.938294044
## 4818	5c09	2pye 0.970355474
## 4819	5c0a	2pye 1.331327198
## 4820	5c0b	2pye 1.049929693
## 4821	5c0c	2pye 1.367974773
## 4822	5e6i	2pye 1.260508718
## 4823	5e9d	2pye 0.582046777
## 4824	5eu6	2pye 1.165683107
## 4825	5euo	2pye 7.350749107
## 4826	5hhm	2pye 1.362696297
## 4827	5hho	2pye 0.720943677
## 4828	5hyj	2pye 1.103142379
## 4829	5isz	2pye 1.285770965
## 4830	5jhd	2pye 1.277001042
## 4831	5jzi	2pye 1.180578924
## 4832	5ks9	2pye 1.282357782
## 4833	5ksa	2pye 0.804764841

## 4834	5ksb	2pye 0.608118491
## 4835	5men	2pye 0.947166158
## 4836	5nht	2pye 0.886870497
## 4837	5nme	2pye 1.381574590
## 4838	5nmf	2pye 1.024100623
## 4839	5nmg	2pye 0.898393593
## 4840	5nqk	2pye 0.891722076
## 4841	5tez	2pye 3.463421009
## 4842	5w1v	2pye 3.152064825
## 4843	5w1w	2pye 3.379382777
## 4844	5wkf	2pye 0.631069346
## 4845	5wkh	2pye 0.805909850
## 4846	5xot	2pye 0.612961823
## 4847	5xov	2pye 0.870994535
## 4848	5yxn	2pye 0.954572859
## 4849	5yxu	2pye 0.869704790
## 4850	6am5	2pye 0.838857993
## 4851	6amu	2pye 0.791775249
## 4852	6avf	2pye 1.658269423
## 4853	6avg	2pye 0.873432596
## 4854	6bj2	2pye 1.494966716
## 4855	6bj3	2pye 0.802920326
## 4856	6bj8	2pye 0.805768836
## 4857	6cql	2pye 1.045440065
## 4858	6cqn	2pye 2.931467456
## 4859	6cqq	2pye 1.715168934
## 4860	6cqr	2pye 0.746737662
## 4861	6d78	2pye 0.832778796
## 4862	6dfx	2pye 3.273889598
## 4863	6dkp	2pye 0.826733823
## 4864	6dxl	2pye 2.145194811
## 4865	6eqa	2pye 0.998408772
## 4866	6eqb	2pye 0.995994358
## 4867	6mtm	2pye 0.904620829
## 4868	6p64	2pye 2.945459782
## 4869	6px6	2pye 0.661585827
## 4870	6py2	2pye 0.938770015
## 4871	6q3s	2pye 1.111467385
## 4872	6r2l	2pye 0.900705173
## 4873	6rp9	2pye 0.928009180
## 4874	6rpa	2pye 0.673100472
## 4875	6rpb	2pye 1.048777042
## 4876	6rsy	2pye 0.856709964
## 4877	6tmo	2pye 0.821128087
## 4878	6tro	2pye 1.534082161
## 4879	6u3n	2pye 0.767690619
## 4880	6u3o	2pye 1.829877728
## 4881	6uon	2pye 1.147237113
## 4882	6vm7	2pye 0.725225500
## 4883	6vm8	2pye 0.696678275
## 4884	6vma	2pye 1.073670547
## 4885	6vmc	2pye 1.413152425
## 4886	6vmx	2pye 0.914371999
## 4887	6vqo	2pye 0.882082773

## 4888	6vrm	2pye 1.695283857
## 4889	6vrn	2pye 0.998270461
## 4890	7n1e	2pye 0.750563884
## 4891	7n1f	2pye 0.852765806
## 4892	7n6e	2pye 0.718853068
## 4893	6xc9	2pye 0.801270284
## 4894	6xco	2pye 0.829696780
## 4895	6xcp	2pye 3.060262693
## 4896	6zkw	2pye 0.602178739
## 4897	6zkk	2pye 0.929302772
## 4898	6zky	2pye 0.600877460
## 4899	6zkz	2pye 0.680996030
## 4900	7dzm	2pye 1.592340341
## 4901	7dzn	2pye 1.087954756
## 4902	7rm4	2pye 1.183240328
## 4903	7rtr	2pye 0.777496767
## 4904	7l1d	2pye 1.111524359
## 4905	7sg0	2pye 1.462596303
## 4906	7sg1	2pye 0.946787755
## 4907	7sg2	2pye 0.935147245
## 4908	7rrg	2pye 0.958966543
## 4909	7n2s	2pye 0.994661282
## 4910	7n2n	2pye 0.994810235
## 4911	7n2o	2pye 0.580840263
## 4912	7n2r	2pye 0.574676065
## 4913	7n2p	2pye 0.831097772
## 4914	7n2q	2pye 0.916128587
## 4915	8cx4	2pye 0.538317415
## 4916	8VCX	2pye 2.696938792
## 4917	8VCY	2pye 0.910329460
## 4918	8VD0	2pye 0.737912258
## 4919	8VD2	2pye 1.064304312
## 4920	6XCP	2pye 3.059787011
## 4921	6XC0	2pye 0.830023505
## 4922	6XC9	2pye 0.798302795
## 4923	1ao7	2vlj 1.627888954
## 4924	1bd2	2vlj 0.973036279
## 4925	1fyt	2vlj 1.352757788
## 4926	1j8h	2vlj 1.680508702
## 4927	1mi5	2vlj 1.510085554
## 4928	1oga	2vlj 1.190422862
## 4929	1qrn	2vlj 1.693609702
## 4930	1qse	2vlj 1.458002555
## 4931	1qsf	2vlj 1.684581868
## 4932	1zgl	2vlj 1.052102876
## 4933	2ak4	2vlj 0.983870010
## 4934	2bnq	2vlj 1.095684621
## 4935	2bnr	2vlj 0.981859141
## 4936	2esv	2vlj 1.580846772
## 4937	2f53	2vlj 0.941064831
## 4938	2f54	2vlj 1.127483434
## 4939	2gj6	2vlj 1.679528472
## 4940	2iam	2vlj 3.435169018
## 4941	2ian	2vlj 1.082314057

## 4942	2nx5	2vlj	0.799251111
## 4943	2p5e	2vlj	0.937962934
## 4944	2p5w	2vlj	0.938624587
## 4945	2pye	2vlj	0.898134666
## 4946	2vlj	2vlj	0.000000000
## 4947	2vlk	2vlj	2.329794644
## 4948	2vlr	2vlj	0.784458201
## 4949	2xn9	2vlj	1.216703403
## 4950	2yp1	2vlj	0.913504210
## 4951	3d39	2vlj	1.117762941
## 4952	3d3v	2vlj	1.207547100
## 4953	3dxa	2vlj	0.986667268
## 4954	3ffc	2vlj	1.613190606
## 4955	3gsn	2vlj	0.767752562
## 4956	3h9s	2vlj	1.116473320
## 4957	3hg1	2vlj	0.986774379
## 4958	3kpr	2vlj	0.736991065
## 4959	3kps	2vlj	0.941197679
## 4960	3kxf	2vlj	0.974150444
## 4961	3mv7	2vlj	1.385078872
## 4962	3mv8	2vlj	1.243891475
## 4963	3mv9	2vlj	1.561788778
## 4964	3o4l	2vlj	1.256079961
## 4965	3pwp	2vlj	1.118658383
## 4966	3qdg	2vlj	1.197626033
## 4967	3qdj	2vlj	1.197908779
## 4968	3qdm	2vlj	1.357132000
## 4969	3qeq	2vlj	0.762791922
## 4970	3qfj	2vlj	0.741364521
## 4971	3sjv	2vlj	0.840158011
## 4972	3uts	2vlj	1.180180511
## 4973	3utt	2vlj	1.226401771
## 4974	3vxm	2vlj	0.844401476
## 4975	3vxr	2vlj	1.371103781
## 4976	3vxs	2vlj	0.895983302
## 4977	4c56	2vlj	0.853988815
## 4978	4e41	2vlj	4.244812729
## 4979	4eup	2vlj	0.835186374
## 4980	4ftv	2vlj	1.236415889
## 4981	4g8g	2vlj	1.636464739
## 4982	4g9f	2vlj	1.333265358
## 4983	4gg6	2vlj	1.423740916
## 4984	4jfd	2vlj	0.985251038
## 4985	4jfe	2vlj	0.985547576
## 4986	4jff	2vlj	0.988498663
## 4987	4jrx	2vlj	0.764375102
## 4988	4jry	2vlj	0.932456555
## 4989	4l3e	2vlj	1.275264393
## 4990	4mji	2vlj	2.219885721
## 4991	4mnq	2vlj	1.512608047
## 4992	4ozf	2vlj	0.942287476
## 4993	4ozg	2vlj	3.177914482
## 4994	4ozh	2vlj	2.005626850
## 4995	4ozi	2vlj	3.328855013

## 4996	4prh	2vlj	1.333641936
## 4997	4pri	2vlj	1.385800216
## 4998	4prp	2vlj	1.304343235
## 4999	4qok	2vlj	1.576916643
## 5000	4qrp	2vlj	1.064306184
## 5001	4y19	2vlj	1.508784050
## 5002	4y1a	2vlj	1.481964258
## 5003	4z7u	2vlj	1.765058233
## 5004	4z7v	2vlj	1.343218254
## 5005	4z7w	2vlj	0.931599315
## 5006	5d2l	2vlj	1.249909273
## 5007	5d2n	2vlj	0.695825874
## 5008	1lp9	2vlj	0.950166363
## 5009	1ymm	2vlj	1.670574984
## 5010	2j8u	2vlj	0.948723875
## 5011	2jcc	2vlj	0.949948748
## 5012	2uwe	2vlj	0.948386231
## 5013	2wbj	2vlj	1.129817519
## 5014	3gjf	2vlj	0.819589161
## 5015	3hae	2vlj	1.007918653
## 5016	3nfj	2vlj	0.907349710
## 5017	3o6f	2vlj	0.920213084
## 5018	3pl6	2vlj	1.677555230
## 5019	3t0e	2vlj	1.270854333
## 5020	4euq	2vlj	1.598096042
## 5021	4grl	2vlj	1.075419835
## 5022	4h1l	2vlj	1.439196747
## 5023	4may	2vlj	1.416600290
## 5024	4p4k	2vlj	0.927775967
## 5025	4qrr	2vlj	1.306735196
## 5026	4wuu	2vlj	0.968591032
## 5027	4zez	2vlj	1.353129920
## 5028	5brz	2vlj	1.935003216
## 5029	5bs0	2vlj	2.502585234
## 5030	5c07	2vlj	1.046763910
## 5031	5c08	2vlj	0.714934770
## 5032	5c09	2vlj	1.233475942
## 5033	5c0a	2vlj	1.416571478
## 5034	5c0b	2vlj	1.513322765
## 5035	5c0c	2vlj	1.085795377
## 5036	5e6i	2vlj	1.259884322
## 5037	5e9d	2vlj	0.696354705
## 5038	5eu6	2vlj	1.558435257
## 5039	5euo	2vlj	7.090479363
## 5040	5hhm	2vlj	1.554672885
## 5041	5hho	2vlj	1.179103558
## 5042	5hyj	2vlj	1.014336578
## 5043	5isz	2vlj	0.969095759
## 5044	5jhd	2vlj	1.314173401
## 5045	5jzi	2vlj	1.352415626
## 5046	5ks9	2vlj	1.713066823
## 5047	5ksa	2vlj	1.052570606
## 5048	5ksb	2vlj	0.843726391
## 5049	5men	2vlj	1.511957425

## 5050	5nht	2vlj	0.973124357
## 5051	5nme	2vlj	1.449399098
## 5052	5nmf	2vlj	0.812009268
## 5053	5nmg	2vlj	1.079236753
## 5054	5nqk	2vlj	0.983132399
## 5055	5tez	2vlj	2.844299268
## 5056	5w1v	2vlj	3.037302805
## 5057	5w1w	2vlj	3.358606894
## 5058	5wkf	2vlj	1.000861123
## 5059	5wkh	2vlj	1.061287061
## 5060	5xot	2vlj	1.269378755
## 5061	5xov	2vlj	0.907349710
## 5062	5yxn	2vlj	1.395892999
## 5063	5yxu	2vlj	0.783308420
## 5064	6am5	2vlj	1.281392944
## 5065	6amu	2vlj	1.291961754
## 5066	6avf	2vlj	1.463141382
## 5067	6avg	2vlj	1.151922467
## 5068	6bj2	2vlj	1.591594818
## 5069	6bj3	2vlj	1.396362238
## 5070	6bj8	2vlj	1.404598873
## 5071	6cql	2vlj	1.513656722
## 5072	6cqn	2vlj	3.092963066
## 5073	6cqq	2vlj	1.459692762
## 5074	6cqr	2vlj	0.923888065
## 5075	6d78	2vlj	1.293832509
## 5076	6dfx	2vlj	3.192404147
## 5077	6dkp	2vlj	1.276166009
## 5078	6dxh	2vlj	1.826762255
## 5079	6eqa	2vlj	0.990168396
## 5080	6eqb	2vlj	0.982373424
## 5081	6mtm	2vlj	1.286232028
## 5082	6p64	2vlj	2.814282220
## 5083	6px6	2vlj	1.179638668
## 5084	6py2	2vlj	1.335819667
## 5085	6q3s	2vlj	1.467299384
## 5086	6r2l	2vlj	1.100404197
## 5087	6rp9	2vlj	1.095489666
## 5088	6rpa	2vlj	0.997245006
## 5089	6rpb	2vlj	0.968258244
## 5090	6rsy	2vlj	0.987535358
## 5091	6tmo	2vlj	1.002230030
## 5092	6tro	2vlj	1.856001657
## 5093	6u3n	2vlj	1.259640714
## 5094	6u3o	2vlj	1.630143140
## 5095	6uon	2vlj	1.096592493
## 5096	6vm7	2vlj	1.283185764
## 5097	6vm8	2vlj	1.166691645
## 5098	6vma	2vlj	1.474512145
## 5099	6vmc	2vlj	1.503920968
## 5100	6vmx	2vlj	1.181414106
## 5101	6vqo	2vlj	1.174639565
## 5102	6vrm	2vlj	1.168355063
## 5103	6vrn	2vlj	1.371473449

## 5104	7n1e	2vlj	0.948482966
## 5105	7n1f	2vlj	1.120100110
## 5106	7n6e	2vlj	0.825633026
## 5107	6xc9	2vlj	0.736167841
## 5108	6xco	2vlj	1.391715905
## 5109	6xcp	2vlj	2.978735736
## 5110	6zkw	2vlj	1.032365977
## 5111	6zkk	2vlj	1.302699587
## 5112	6zky	2vlj	1.032072685
## 5113	6zkz	2vlj	1.130036306
## 5114	7dzm	2vlj	1.767755082
## 5115	7dzn	2vlj	1.314889045
## 5116	7rm4	2vlj	1.223064402
## 5117	7rtr	2vlj	0.788791847
## 5118	7l1d	2vlj	1.506060354
## 5119	7sg0	2vlj	1.486817408
## 5120	7sg1	2vlj	1.070130486
## 5121	7sg2	2vlj	1.054685659
## 5122	7rrg	2vlj	1.186986882
## 5123	7n2s	2vlj	1.229031078
## 5124	7n2n	2vlj	1.220849909
## 5125	7n2o	2vlj	0.569353225
## 5126	7n2r	2vlj	1.015125233
## 5127	7n2p	2vlj	0.784730350
## 5128	7n2q	2vlj	0.931355169
## 5129	8cx4	2vlj	0.682938118
## 5130	8VCX	2vlj	2.899827533
## 5131	8VCY	2vlj	1.076609887
## 5132	8VD0	2vlj	1.105878955
## 5133	8VD2	2vlj	1.547838614
## 5134	6XCP	2vlj	2.978767915
## 5135	6XC0	2vlj	1.392638241
## 5136	6XC9	2vlj	0.734067282
## 5137	1ao7	2vlk	1.212483298
## 5138	1bd2	2vlk	1.758447552
## 5139	1fyt	2vlk	1.311616276
## 5140	1j8h	2vlk	1.312121910
## 5141	1mi5	2vlk	1.450355941
## 5142	1oga	2vlk	1.695482909
## 5143	1qrn	2vlk	0.899605838
## 5144	1qse	2vlk	1.458783083
## 5145	1qsf	2vlk	0.911628789
## 5146	1zgl	2vlk	1.448659684
## 5147	2ak4	2vlk	1.248887938
## 5148	2bnq	2vlk	1.832583283
## 5149	2bnr	2vlk	2.146863498
## 5150	2esv	2vlk	1.033225690
## 5151	2f53	2vlk	1.681874131
## 5152	2f54	2vlk	1.833698080
## 5153	2gj6	2vlk	1.132499422
## 5154	2iam	2vlk	3.310008180
## 5155	2ian	2vlk	1.149532951
## 5156	2nx5	2vlk	1.193772461
## 5157	2p5e	2vlk	1.693318758

## 5158	2p5w	2vlk 1.693262910
## 5159	2pye	2vlk 2.076883949
## 5160	2vlj	2vlk 2.329794644
## 5161	2vlk	2vlk 0.000000000
## 5162	2vlr	2vlk 1.378391941
## 5163	2xn9	2vlk 1.629778471
## 5164	2yp1	2vlk 2.268332821
## 5165	3d39	2vlk 1.679681685
## 5166	3d3v	2vlk 1.599335298
## 5167	3dxa	2vlk 1.608278266
## 5168	3ffc	2vlk 1.624673779
## 5169	3gsn	2vlk 1.906192340
## 5170	3h9s	2vlk 1.682023171
## 5171	3hg1	2vlk 1.635714482
## 5172	3kpr	2vlk 1.648891470
## 5173	3kps	2vlk 2.029583619
## 5174	3kxf	2vlk 1.167539706
## 5175	3mv7	2vlk 1.894174498
## 5176	3mv8	2vlk 1.833273226
## 5177	3mv9	2vlk 1.481520422
## 5178	3o4l	2vlk 1.704953857
## 5179	3pwp	2vlk 1.679731595
## 5180	3qdg	2vlk 1.813640491
## 5181	3qdj	2vlk 1.812063020
## 5182	3qdm	2vlk 2.818691795
## 5183	3qeq	2vlk 1.989336202
## 5184	3qfj	2vlk 1.880478969
## 5185	3sjv	2vlk 1.175426418
## 5186	3uts	2vlk 1.236422396
## 5187	3utt	2vlk 1.364605415
## 5188	3vxm	2vlk 1.929784445
## 5189	3vxr	2vlk 2.140202982
## 5190	3vxs	2vlk 2.190550132
## 5191	4c56	2vlk 1.394616866
## 5192	4e41	2vlk 3.658941404
## 5193	4eup	2vlk 1.588582602
## 5194	4ftv	2vlk 2.070918361
## 5195	4g8g	2vlk 2.191765440
## 5196	4g9f	2vlk 1.733957088
## 5197	4gg6	2vlk 1.808928827
## 5198	4jfd	2vlk 1.630172615
## 5199	4jfe	2vlk 1.633666556
## 5200	4jff	2vlk 1.631266510
## 5201	4jrx	2vlk 1.817100237
## 5202	4jry	2vlk 2.321992020
## 5203	4l3e	2vlk 2.233967483
## 5204	4mji	2vlk 1.875804378
## 5205	4mnq	2vlk 1.356400717
## 5206	4ozf	2vlk 2.520381801
## 5207	4ozg	2vlk 3.049786447
## 5208	4ozh	2vlk 2.793984073
## 5209	4ozi	2vlk 2.838438717
## 5210	4prh	2vlk 1.937392171
## 5211	4pri	2vlk 1.822248651

## 5212	4prp	2v1k 1.889793664
## 5213	4qok	2v1k 1.276052852
## 5214	4qrp	2v1k 1.350706413
## 5215	4y19	2v1k 2.539401211
## 5216	4y1a	2v1k 1.895167726
## 5217	4z7u	2v1k 1.783858016
## 5218	4z7v	2v1k 1.909095319
## 5219	4z7w	2v1k 1.290833561
## 5220	5d2l	2v1k 0.966348655
## 5221	5d2n	2v1k 1.485848891
## 5222	1lp9	2v1k 1.146535343
## 5223	1ymm	2v1k 2.425999323
## 5224	2j8u	2v1k 1.147062741
## 5225	2jcc	2v1k 1.146042638
## 5226	2uwe	2v1k 1.147083130
## 5227	2wbj	2v1k 1.525266252
## 5228	3gjf	2v1k 1.605318340
## 5229	3hae	2v1k 1.402508587
## 5230	3nfj	2v1k 1.401582632
## 5231	3o6f	2v1k 1.241851297
## 5232	3pl6	2v1k 1.635062077
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## 5234	4euq	2v1k 1.802564096
## 5235	4grl	2v1k 1.919080606
## 5236	4h1l	2v1k 2.078286111
## 5237	4may	2v1k 1.827485279
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## 5240	4wuu	2v1k 2.253296750
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## 5247	5c0a	2v1k 1.862900967
## 5248	5c0b	2v1k 1.234350104
## 5249	5c0c	2v1k 2.100834178
## 5250	5e6i	2v1k 1.248159876
## 5251	5e9d	2v1k 1.732080303
## 5252	5eu6	2v1k 1.651378063
## 5253	5euo	2v1k 6.978451751
## 5254	5hhm	2v1k 1.102687270
## 5255	5hho	2v1k 2.339422363
## 5256	5hyj	2v1k 1.573917566
## 5257	5isz	2v1k 2.008064489
## 5258	5jhd	2v1k 1.486340571
## 5259	5jzi	2v1k 1.956340292
## 5260	5ks9	2v1k 1.372046082
## 5261	5ksa	2v1k 2.169107379
## 5262	5ksb	2v1k 1.580052555
## 5263	5men	2v1k 1.358031048
## 5264	5nht	2v1k 2.460450569
## 5265	5nme	2v1k 1.028142202

## 5266	5nmf	2v1k 1.401014319
## 5267	5nmg	2v1k 1.511230932
## 5268	5nqk	2v1k 2.468317554
## 5269	5tez	2v1k 4.158092899
## 5270	5w1v	2v1k 3.205930123
## 5271	5w1w	2v1k 3.235145247
## 5272	5wkf	2v1k 1.615983780
## 5273	5wkh	2v1k 1.226892336
## 5274	5xot	2v1k 2.192090123
## 5275	5xov	2v1k 1.401582632
## 5276	5yxn	2v1k 1.877442702
## 5277	5yxu	2v1k 1.525106873
## 5278	6am5	2v1k 2.250668358
## 5279	6amu	2v1k 2.155975187
## 5280	6avf	2v1k 3.172351453
## 5281	6avg	2v1k 1.737797619
## 5282	6bj2	2v1k 2.488673705
## 5283	6bj3	2v1k 2.166646904
## 5284	6bj8	2v1k 2.165913129
## 5285	6cql	2v1k 1.956451411
## 5286	6cqn	2v1k 2.941826799
## 5287	6cqq	2v1k 2.437907427
## 5288	6cqr	2v1k 1.529976743
## 5289	6d78	2v1k 2.248537819
## 5290	6dfx	2v1k 2.690841699
## 5291	6dkp	2v1k 2.234807774
## 5292	6dxk	2v1k 2.142966455
## 5293	6eqa	2v1k 1.635000244
## 5294	6eqb	2v1k 1.639333485
## 5295	6mtm	2v1k 1.939151139
## 5296	6p64	2v1k 2.473447854
## 5297	6px6	2v1k 1.681007985
## 5298	6py2	2v1k 1.517884002
## 5299	6q3s	2v1k 1.709899305
## 5300	6r2l	2v1k 1.782274228
## 5301	6rp9	2v1k 1.536968727
## 5302	6rpa	2v1k 2.055401504
## 5303	6rpb	2v1k 1.286198679
## 5304	6rsy	2v1k 1.342434335
## 5305	6tmo	2v1k 1.948189195
## 5306	6tro	2v1k 1.022075502
## 5307	6u3n	2v1k 1.761308571
## 5308	6u3o	2v1k 2.649355226
## 5309	6uon	2v1k 1.369796003
## 5310	6vm7	2v1k 2.024351342
## 5311	6vm8	2v1k 2.074415037
## 5312	6vma	2v1k 1.433518889
## 5313	6vmc	2v1k 1.631120313
## 5314	6vmx	2v1k 1.940109905
## 5315	6vqo	2v1k 1.042083931
## 5316	6vrm	2v1k 2.347110864
## 5317	6vrn	2v1k 1.954308361
## 5318	7n1e	2v1k 1.767033896
## 5319	7n1f	2v1k 1.589747353

## 5320	7n6e	2v1k 1.470482416
## 5321	6xc9	2v1k 1.880447388
## 5322	6xco	2v1k 2.059678143
## 5323	6xcp	2v1k 3.312864049
## 5324	6zkw	2v1k 2.135279279
## 5325	6zkk	2v1k 1.812061485
## 5326	6zky	2v1k 2.136600799
## 5327	6zkk	2v1k 2.094600219
## 5328	7dzm	2v1k 1.777313324
## 5329	7dzn	2v1k 1.595642904
## 5330	7rm4	2v1k 1.509317602
## 5331	7rtr	2v1k 1.696117656
## 5332	7l1d	2v1k 1.913735953
## 5333	7sg0	2v1k 1.842001680
## 5334	7sg1	2v1k 1.948396911
## 5335	7sg2	2v1k 1.944224085
## 5336	7rrg	2v1k 1.582471578
## 5337	7n2s	2v1k 1.690908401
## 5338	7n2n	2v1k 1.683765835
## 5339	7n2o	2v1k 1.990072155
## 5340	7n2r	2v1k 2.174700074
## 5341	7n2p	2v1k 2.346402529
## 5342	7n2q	2v1k 1.704334724
## 5343	8cx4	2v1k 1.864251949
## 5344	8VCX	2v1k 2.776038428
## 5345	8VCY	2v1k 1.905389388
## 5346	8VD0	2v1k 1.231529392
## 5347	8VD2	2v1k 1.452226143
## 5348	6XCP	2v1k 3.313073734
## 5349	6XC0	2v1k 2.059216062
## 5350	6XC9	2v1k 1.881425284
## 5351	1ao7	2v1r 1.074041116
## 5352	1bd2	2v1r 0.709101885
## 5353	1fyt	2v1r 0.946237960
## 5354	1j8h	2v1r 1.091961439
## 5355	1mi5	2v1r 0.979934530
## 5356	1oga	2v1r 1.010311554
## 5357	1qrn	2v1r 1.070163164
## 5358	1qse	2v1r 0.964992881
## 5359	1qsf	2v1r 1.070099840
## 5360	1zgl	2v1r 0.882343369
## 5361	2ak4	2v1r 0.720218831
## 5362	2bnq	2v1r 0.896394524
## 5363	2bnr	2v1r 0.914785367
## 5364	2esv	2v1r 1.062054928
## 5365	2f53	2v1r 0.792448572
## 5366	2f54	2v1r 0.692783301
## 5367	2gj6	2v1r 1.042619604
## 5368	2iam	2v1r 2.052866051
## 5369	2ian	2v1r 0.810015857
## 5370	2nx5	2v1r 0.601333632
## 5371	2p5e	2v1r 0.791602337
## 5372	2p5w	2v1r 0.791493554
## 5373	2pye	2v1r 0.861616616

## 5374	2vlj	2vlr 0.784458201
## 5375	2vlk	2vlr 1.378391941
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## 5377	2xn9	2vlr 0.909054710
## 5378	2yp1	2vlr 0.983088010
## 5379	3d39	2vlr 0.920643753
## 5380	3d3v	2vlr 0.979959859
## 5381	3dxa	2vlr 0.675308530
## 5382	3ffc	2vlr 1.215490175
## 5383	3gsn	2vlr 0.747456246
## 5384	3h9s	2vlr 0.921569803
## 5385	3hg1	2vlr 0.857953351
## 5386	3kpr	2vlr 0.637269497
## 5387	3kps	2vlr 0.965645168
## 5388	3kxf	2vlr 0.704391379
## 5389	3mv7	2vlr 1.138587333
## 5390	3mv8	2vlr 0.866549624
## 5391	3mv9	2vlr 1.166032780
## 5392	3o4l	2vlr 0.817255982
## 5393	3pwp	2vlr 0.920871361
## 5394	3qdg	2vlr 0.828169752
## 5395	3qdj	2vlr 0.828352725
## 5396	3qdm	2vlr 1.093570796
## 5397	3qeq	2vlr 0.706577087
## 5398	3qfj	2vlr 0.778223755
## 5399	3sjv	2vlr 0.528666086
## 5400	3uts	2vlr 0.675552720
## 5401	3utt	2vlr 0.898093601
## 5402	3vxm	2vlr 0.704574446
## 5403	3vxr	2vlr 1.122736665
## 5404	3vxs	2vlr 0.917846428
## 5405	4c56	2vlr 0.745127134
## 5406	4e41	2vlr 2.827366136
## 5407	4eup	2vlr 0.693263085
## 5408	4ftv	2vlr 1.023420415
## 5409	4g8g	2vlr 1.289677855
## 5410	4g9f	2vlr 0.969067973
## 5411	4gg6	2vlr 1.007307708
## 5412	4jfd	2vlr 0.853555300
## 5413	4jfe	2vlr 0.855653697
## 5414	4jff	2vlr 0.856330922
## 5415	4jrx	2vlr 0.763884872
## 5416	4jry	2vlr 1.053044342
## 5417	4l3e	2vlr 1.065238629
## 5418	4mji	2vlr 1.577069000
## 5419	4mnq	2vlr 1.041346682
## 5420	4ozf	2vlr 0.867021750
## 5421	4ozg	2vlr 2.173521794
## 5422	4ozh	2vlr 1.543095133
## 5423	4ozi	2vlr 2.240053802
## 5424	4prh	2vlr 0.971583759
## 5425	4pri	2vlr 0.959942126
## 5426	4prp	2vlr 0.923325207
## 5427	4qok	2vlr 1.038553753

## 5428	4qrp	2vlr 0.926533482
## 5429	4y19	2vlr 1.366809884
## 5430	4y1a	2vlr 1.150484525
## 5431	4z7u	2vlr 1.174885440
## 5432	4z7v	2vlr 0.920102829
## 5433	4z7w	2vlr 0.705555351
## 5434	5d2l	2vlr 0.732555175
## 5435	5d2n	2vlr 0.679837027
## 5436	1lp9	2vlr 0.588342230
## 5437	lymm	2vlr 1.234883395
## 5438	2j8u	2vlr 0.588258870
## 5439	2jcc	2vlr 0.588177911
## 5440	2uwe	2vlr 0.587986735
## 5441	2wbj	2vlr 0.749125194
## 5442	3gjf	2vlr 0.649791386
## 5443	3hae	2vlr 0.759276802
## 5444	3nfj	2vlr 0.660825987
## 5445	3o6f	2vlr 0.617095922
## 5446	3pl6	2vlr 1.053669992
## 5447	3t0e	2vlr 0.899306531
## 5448	4euq	2vlr 1.146146686
## 5449	4grl	2vlr 0.831808836
## 5450	4h1l	2vlr 0.979948943
## 5451	4may	2vlr 1.046523716
## 5452	4p4k	2vlr 0.670212431
## 5453	4qrr	2vlr 1.011208680
## 5454	4wuu	2vlr 0.931509662
## 5455	4zez	2vlr 0.981970064
## 5456	5brz	2vlr 1.267522657
## 5457	5bs0	2vlr 1.807447547
## 5458	5c07	2vlr 0.621977322
## 5459	5c08	2vlr 0.732667362
## 5460	5c09	2vlr 0.899673555
## 5461	5c0a	2vlr 1.005212834
## 5462	5c0b	2vlr 0.976125403
## 5463	5c0c	2vlr 0.864282562
## 5464	5e6i	2vlr 0.862680108
## 5465	5e9d	2vlr 0.784800669
## 5466	5eu6	2vlr 0.927679632
## 5467	5euo	2vlr 4.947202851
## 5468	5hhm	2vlr 0.902116812
## 5469	5hho	2vlr 0.959301640
## 5470	5hyj	2vlr 0.716100387
## 5471	5isz	2vlr 0.951014542
## 5472	5jhd	2vlr 0.770605525
## 5473	5jzi	2vlr 0.981567525
## 5474	5ks9	2vlr 1.183181899
## 5475	5ksa	2vlr 0.999782573
## 5476	5ksb	2vlr 0.725029505
## 5477	5men	2vlr 1.041364615
## 5478	5nht	2vlr 0.972641017
## 5479	5nme	2vlr 0.784502037
## 5480	5nmf	2vlr 0.596813201
## 5481	5nmg	2vlr 0.714746394

## 5482	5nqk	2vlr 0.982931702
## 5483	5tez	2vlr 2.170490605
## 5484	5w1v	2vlr 2.062107025
## 5485	5w1w	2vlr 2.222715872
## 5486	5wkf	2vlr 0.893427320
## 5487	5wkh	2vlr 0.800877960
## 5488	5xot	2vlr 1.110199253
## 5489	5xov	2vlr 0.660825987
## 5490	5yxn	2vlr 1.066954052
## 5491	5yxu	2vlr 0.681058641
## 5492	6am5	2vlr 1.071955281
## 5493	6amu	2vlr 0.942906692
## 5494	6avf	2vlr 1.369576889
## 5495	6avg	2vlr 1.002814292
## 5496	6bj2	2vlr 1.253201125
## 5497	6bj3	2vlr 1.046163807
## 5498	6bj8	2vlr 1.048560877
## 5499	6cql	2vlr 1.094767280
## 5500	6cqn	2vlr 1.876634330
## 5501	6cqq	2vlr 1.247222092
## 5502	6cqr	2vlr 0.755416313
## 5503	6d78	2vlr 1.077496822
## 5504	6dfx	2vlr 2.147992732
## 5505	6dkp	2vlr 1.060275253
## 5506	6dxfl	2vlr 1.316291755
## 5507	6eqa	2vlr 0.860222908
## 5508	6eqb	2vlr 0.854838298
## 5509	6mtm	2vlr 0.909654789
## 5510	6p64	2vlr 1.846996456
## 5511	6px6	2vlr 0.869189497
## 5512	6py2	2vlr 0.917893731
## 5513	6q3s	2vlr 1.106267031
## 5514	6r2l	2vlr 0.570378838
## 5515	6rp9	2vlr 0.764027559
## 5516	6rpa	2vlr 0.897539028
## 5517	6rpb	2vlr 0.616214925
## 5518	6rsy	2vlr 0.890326128
## 5519	6tmo	2vlr 0.558984791
## 5520	6tro	2vlr 1.241781496
## 5521	6u3n	2vlr 0.942183214
## 5522	6u3o	2vlr 1.290280016
## 5523	6uon	2vlr 0.636012577
## 5524	6vm7	2vlr 0.994766730
## 5525	6vm8	2vlr 0.962042946
## 5526	6vma	2vlr 1.043205455
## 5527	6vmc	2vlr 1.123008014
## 5528	6vmx	2vlr 1.058680862
## 5529	6vqo	2vlr 0.830011986
## 5530	6vrm	2vlr 0.901648895
## 5531	6vrn	2vlr 1.016296114
## 5532	7n1e	2vlr 0.739951897
## 5533	7n1f	2vlr 0.790241199
## 5534	7n6e	2vlr 0.641844387
## 5535	6xc9	2vlr 0.725548387

## 5536	6xco	2v1r 1.044949010
## 5537	6xcp	2v1r 1.859770771
## 5538	6zkw	2v1r 1.089495247
## 5539	6zkk	2v1r 1.129920160
## 5540	6zky	2v1r 1.089109050
## 5541	6zkk	2v1r 0.962925076
## 5542	7dzm	2v1r 1.068063801
## 5543	7dzn	2v1r 1.009923919
## 5544	7rm4	2v1r 0.879301376
## 5545	7rtr	2v1r 0.681223170
## 5546	7l1d	2v1r 1.200267737
## 5547	7sg0	2v1r 1.213426490
## 5548	7sg1	2v1r 0.872188930
## 5549	7sg2	2v1r 0.872184760
## 5550	7rrg	2v1r 0.869533785
## 5551	7n2s	2v1r 0.931628339
## 5552	7n2n	2v1r 0.934648112
## 5553	7n2o	2v1r 0.723560597
## 5554	7n2r	2v1r 0.890329689
## 5555	7n2p	2v1r 0.878919854
## 5556	7n2q	2v1r 0.804720147
## 5557	8cx4	2v1r 0.760194911
## 5558	8VCX	2v1r 1.952498486
## 5559	8VCY	2v1r 0.824958685
## 5560	8VD0	2v1r 0.753152875
## 5561	8VD2	2v1r 1.078572702
## 5562	6XCP	2v1r 1.859742513
## 5563	6XC0	2v1r 1.044858054
## 5564	6XC9	2v1r 0.724905960
## 5565	1ao7	2xn9 1.095635176
## 5566	1bd2	2xn9 0.978896849
## 5567	1fyt	2xn9 0.935180423
## 5568	1j8h	2xn9 1.086624362
## 5569	1mi5	2xn9 0.887181166
## 5570	1oga	2xn9 0.821102395
## 5571	1qrn	2xn9 1.079349697
## 5572	1qse	2xn9 1.094418747
## 5573	1qsf	2xn9 1.073819867
## 5574	1zgl	2xn9 0.943294560
## 5575	2ak4	2xn9 0.841396175
## 5576	2bnq	2xn9 0.776660542
## 5577	2bnr	2xn9 0.784464241
## 5578	2esv	2xn9 1.015860084
## 5579	2f53	2xn9 0.808469199
## 5580	2f54	2xn9 1.305916962
## 5581	2gj6	2xn9 0.973206861
## 5582	2iam	2xn9 3.069788283
## 5583	2ian	2xn9 0.756370833
## 5584	2nx5	2xn9 0.794388245
## 5585	2p5e	2xn9 0.808211022
## 5586	2p5w	2xn9 0.810296162
## 5587	2pye	2xn9 0.897994915
## 5588	2vlj	2xn9 1.216703403
## 5589	2vlk	2xn9 1.629778471

## 5590	2v1r	2xn9 0.909054710
## 5591	2xn9	2xn9 0.000000000
## 5592	2yp1	2xn9 0.902680219
## 5593	3d39	2xn9 0.814198326
## 5594	3d3v	2xn9 0.802000098
## 5595	3dxa	2xn9 1.050569058
## 5596	3ffc	2xn9 1.056820274
## 5597	3gsn	2xn9 0.876729765
## 5598	3h9s	2xn9 0.814927606
## 5599	3hg1	2xn9 0.896705028
## 5600	3kpr	2xn9 0.776204209
## 5601	3kps	2xn9 0.861989594
## 5602	3kxf	2xn9 0.852442992
## 5603	3mv7	2xn9 0.816110218
## 5604	3mv8	2xn9 0.997166615
## 5605	3mv9	2xn9 0.895467872
## 5606	3o4l	2xn9 1.077742672
## 5607	3pwp	2xn9 0.814131566
## 5608	3qdg	2xn9 1.178448886
## 5609	3qdj	2xn9 1.178242563
## 5610	3qdm	2xn9 1.873523889
## 5611	3qeq	2xn9 0.982839785
## 5612	3qfj	2xn9 0.958542923
## 5613	3sjv	2xn9 0.976198781
## 5614	3uts	2xn9 1.024946718
## 5615	3utt	2xn9 0.679648703
## 5616	3vxm	2xn9 0.881420109
## 5617	3vxr	2xn9 0.961827579
## 5618	3vxs	2xn9 0.917733780
## 5619	4c56	2xn9 0.626372843
## 5620	4e41	2xn9 3.704004776
## 5621	4eup	2xn9 0.772009243
## 5622	4ftv	2xn9 0.849710637
## 5623	4g8g	2xn9 1.113693270
## 5624	4g9f	2xn9 0.648274350
## 5625	4gg6	2xn9 1.103810456
## 5626	4jfd	2xn9 0.901165345
## 5627	4jfe	2xn9 0.899898676
## 5628	4jff	2xn9 0.898871977
## 5629	4jrx	2xn9 0.894679153
## 5630	4jry	2xn9 0.983146780
## 5631	4l3e	2xn9 0.761315168
## 5632	4mji	2xn9 1.576823677
## 5633	4mnq	2xn9 0.830268646
## 5634	4ozf	2xn9 1.289256946
## 5635	4ozg	2xn9 3.083547629
## 5636	4ozh	2xn9 2.205388645
## 5637	4ozi	2xn9 3.016132626
## 5638	4prh	2xn9 0.845563113
## 5639	4pri	2xn9 1.057472625
## 5640	4prp	2xn9 0.837641729
## 5641	4qok	2xn9 0.932053249
## 5642	4qrp	2xn9 0.714577740
## 5643	4y19	2xn9 1.189943207

## 5644	4y1a	2xn9 0.787859820
## 5645	4z7u	2xn9 1.660979477
## 5646	4z7v	2xn9 1.350335615
## 5647	4z7w	2xn9 0.815021011
## 5648	5d2l	2xn9 0.899793210
## 5649	5d2n	2xn9 0.634031287
## 5650	1lp9	2xn9 0.741161679
## 5651	1ymm	2xn9 1.103652458
## 5652	2j8u	2xn9 0.741563303
## 5653	2jcc	2xn9 0.742406360
## 5654	2uwe	2xn9 0.741184237
## 5655	2wbj	2xn9 0.975629388
## 5656	3gjf	2xn9 0.893339395
## 5657	3hae	2xn9 1.096162344
## 5658	3nfj	2xn9 0.886596139
## 5659	3o6f	2xn9 0.661559555
## 5660	3pl6	2xn9 0.985504662
## 5661	3t0e	2xn9 1.038323313
## 5662	4euq	2xn9 0.996667075
## 5663	4grl	2xn9 0.884869461
## 5664	4h1l	2xn9 1.293826185
## 5665	4may	2xn9 0.972400320
## 5666	4p4k	2xn9 0.780727351
## 5667	4qrr	2xn9 0.978760644
## 5668	4wuu	2xn9 0.895497072
## 5669	4zez	2xn9 1.267288139
## 5670	5brz	2xn9 2.158610075
## 5671	5bs0	2xn9 2.977067212
## 5672	5c07	2xn9 1.065086149
## 5673	5c08	2xn9 0.864615655
## 5674	5c09	2xn9 0.683360837
## 5675	5c0a	2xn9 1.351531950
## 5676	5c0b	2xn9 0.986973490
## 5677	5c0c	2xn9 1.284758626
## 5678	5e6i	2xn9 1.039483320
## 5679	5e9d	2xn9 0.813971885
## 5680	5eu6	2xn9 0.887068436
## 5681	5euo	2xn9 6.617462369
## 5682	5hhm	2xn9 1.132457156
## 5683	5hho	2xn9 0.986734052
## 5684	5hyj	2xn9 0.983094834
## 5685	5isz	2xn9 1.045262765
## 5686	5jhd	2xn9 1.163684636
## 5687	5jzi	2xn9 1.266697120
## 5688	5ks9	2xn9 1.048885788
## 5689	5ksa	2xn9 0.884480426
## 5690	5ksb	2xn9 0.777140638
## 5691	5men	2xn9 0.828609851
## 5692	5nht	2xn9 0.958887968
## 5693	5nme	2xn9 1.046517732
## 5694	5nmf	2xn9 1.009958770
## 5695	5nmg	2xn9 0.799472432
## 5696	5nqk	2xn9 0.961312556
## 5697	5tez	2xn9 3.306641435

## 5698	5w1v	2xn9 2.957777277
## 5699	5w1w	2xn9 3.071981065
## 5700	5wkf	2xn9 0.804417146
## 5701	5wkh	2xn9 0.715786503
## 5702	5xot	2xn9 1.014601308
## 5703	5xov	2xn9 0.886596139
## 5704	5yxn	2xn9 0.794702043
## 5705	5yxu	2xn9 0.812026690
## 5706	6am5	2xn9 0.770395563
## 5707	6amu	2xn9 0.808944083
## 5708	6avf	2xn9 1.810758314
## 5709	6avg	2xn9 0.856634783
## 5710	6bj2	2xn9 1.571903098
## 5711	6bj3	2xn9 1.173449379
## 5712	6bj8	2xn9 1.174647265
## 5713	6cql	2xn9 1.013639142
## 5714	6cqn	2xn9 2.737022414
## 5715	6cqq	2xn9 1.633670468
## 5716	6cqr	2xn9 0.911784264
## 5717	6d78	2xn9 0.770470475
## 5718	6dfx	2xn9 2.782486053
## 5719	6dkp	2xn9 0.763229135
## 5720	6dxf	2xn9 1.854492388
## 5721	6eqa	2xn9 0.900459469
## 5722	6eqb	2xn9 0.900749422
## 5723	6mtm	2xn9 0.719206329
## 5724	6p64	2xn9 2.626931799
## 5725	6px6	2xn9 0.802810517
## 5726	6py2	2xn9 0.989792072
## 5727	6q3s	2xn9 0.791785326
## 5728	6r2l	2xn9 1.050890818
## 5729	6rp9	2xn9 1.039535956
## 5730	6rpa	2xn9 0.826396085
## 5731	6rpb	2xn9 1.003541180
## 5732	6rsy	2xn9 0.705653478
## 5733	6tmo	2xn9 1.015681400
## 5734	6tro	2xn9 1.118105838
## 5735	6u3n	2xn9 0.949988057
## 5736	6u3o	2xn9 1.974353532
## 5737	6uon	2xn9 0.916306943
## 5738	6vm7	2xn9 0.789476202
## 5739	6vm8	2xn9 0.795626689
## 5740	6vma	2xn9 0.748265785
## 5741	6vmc	2xn9 1.204294994
## 5742	6vmx	2xn9 1.001086231
## 5743	6vqo	2xn9 0.661217398
## 5744	6vrm	2xn9 1.798474212
## 5745	6vrn	2xn9 0.787419763
## 5746	7n1e	2xn9 1.018401538
## 5747	7n1f	2xn9 0.837379177
## 5748	7n6e	2xn9 0.814049873
## 5749	6xc9	2xn9 1.031287923
## 5750	6xco	2xn9 1.104435247
## 5751	6xcp	2xn9 2.967323379

## 5752	6zkw	2xn9 0.870960970
## 5753	6zxx	2xn9 0.794804318
## 5754	6zky	2xn9 0.872900785
## 5755	6zkz	2xn9 0.785420429
## 5756	7dzm	2xn9 1.434510312
## 5757	7dzn	2xn9 0.906206557
## 5758	7rm4	2xn9 1.121854587
## 5759	7rtr	2xn9 0.924317002
## 5760	7l1d	2xn9 0.824262208
## 5761	7sg0	2xn9 1.093960223
## 5762	7sg1	2xn9 1.242649330
## 5763	7sg2	2xn9 1.231354111
## 5764	7rrg	2xn9 0.752453155
## 5765	7n2s	2xn9 0.742433266
## 5766	7n2n	2xn9 0.731378648
## 5767	7n2o	2xn9 0.974383602
## 5768	7n2r	2xn9 0.964072717
## 5769	7n2p	2xn9 0.994724073
## 5770	7n2q	2xn9 1.063649054
## 5771	8cx4	2xn9 0.902286787
## 5772	8VCX	2xn9 2.619922920
## 5773	8VCY	2xn9 0.881700863
## 5774	8VD0	2xn9 0.861466081
## 5775	8VD2	2xn9 0.765588414
## 5776	6XCP	2xn9 2.967818221
## 5777	6XC0	2xn9 1.104435247
## 5778	6XC9	2xn9 1.031511106
## 5779	1ao7	2ypl 1.526989930
## 5780	1bd2	2ypl 1.188921412
## 5781	1fyt	2ypl 1.340689804
## 5782	1j8h	2ypl 1.387584566
## 5783	1mi5	2ypl 1.226064862
## 5784	1oga	2ypl 1.045005948
## 5785	1qrn	2ypl 1.577994979
## 5786	1qse	2ypl 1.166628962
## 5787	1qsf	2ypl 1.568084614
## 5788	1zgl	2ypl 1.009545379
## 5789	2ak4	2ypl 0.979956123
## 5790	2bnq	2ypl 0.559872036
## 5791	2bnr	2ypl 0.361025068
## 5792	2esv	2ypl 1.506826017
## 5793	2f53	2ypl 1.002117041
## 5794	2f54	2ypl 1.303828975
## 5795	2gj6	2ypl 1.307489542
## 5796	2iam	2ypl 3.628553483
## 5797	2ian	2ypl 0.933163224
## 5798	2nx5	2ypl 0.839822944
## 5799	2p5e	2ypl 0.999711221
## 5800	2p5w	2ypl 1.002018553
## 5801	2pye	2ypl 0.996339225
## 5802	2vlj	2ypl 0.913504210
## 5803	2vlk	2ypl 2.268332821
## 5804	2vlr	2ypl 0.983088010
## 5805	2xn9	2ypl 0.902680219

## 5806	2yp1	2yp1 0.000000000
## 5807	3d39	2yp1 0.879825063
## 5808	3d3v	2yp1 1.047210042
## 5809	3dxa	2yp1 1.135682684
## 5810	3ffc	2yp1 1.449999132
## 5811	3gsn	2yp1 0.667680976
## 5812	3h9s	2yp1 0.880428897
## 5813	3hg1	2yp1 0.832261181
## 5814	3kpr	2yp1 0.715825624
## 5815	3kps	2yp1 0.930160267
## 5816	3kxf	2yp1 0.937581708
## 5817	3mv7	2yp1 1.080974669
## 5818	3mv8	2yp1 1.151946227
## 5819	3mv9	2yp1 1.271943316
## 5820	3o4l	2yp1 1.305102104
## 5821	3pwp	2yp1 0.879538747
## 5822	3qdg	2yp1 1.054577892
## 5823	3qdj	2yp1 1.055123037
## 5824	3qdm	2yp1 1.581323758
## 5825	3qeq	2yp1 0.740853726
## 5826	3qfj	2yp1 0.714519047
## 5827	3sjv	2yp1 0.936877870
## 5828	3uts	2yp1 1.166413147
## 5829	3utt	2yp1 0.867883799
## 5830	3vxm	2yp1 0.991384372
## 5831	3vxr	2yp1 1.106522135
## 5832	3vxs	2yp1 0.933705585
## 5833	4c56	2yp1 0.620514848
## 5834	4e41	2yp1 4.234497778
## 5835	4eup	2yp1 0.740239586
## 5836	4ftv	2yp1 1.109108929
## 5837	4g8g	2yp1 1.486378922
## 5838	4g9f	2yp1 0.795659991
## 5839	4gg6	2yp1 1.429897580
## 5840	4jfd	2yp1 0.834160973
## 5841	4jfe	2yp1 0.830151063
## 5842	4jff	2yp1 0.831734708
## 5843	4jrx	2yp1 1.007944605
## 5844	4jry	2yp1 0.775429774
## 5845	4l3e	2yp1 0.705685572
## 5846	4mji	2yp1 2.028329300
## 5847	4mnq	2yp1 1.355936060
## 5848	4ozf	2yp1 0.982434597
## 5849	4ozg	2yp1 3.300544601
## 5850	4ozh	2yp1 2.078185183
## 5851	4ozi	2yp1 3.341783403
## 5852	4prh	2yp1 1.209193838
## 5853	4pri	2yp1 1.429755881
## 5854	4prp	2yp1 1.200851002
## 5855	4qok	2yp1 1.320357889
## 5856	4qrp	2yp1 0.837856967
## 5857	4y19	2yp1 1.261067584
## 5858	4y1a	2yp1 1.132926870
## 5859	4z7u	2yp1 1.723322169

## 5860	4z7v	2ypl 1.413694317
## 5861	4z7w	2ypl 0.934203682
## 5862	5d2l	2ypl 1.202216865
## 5863	5d2n	2ypl 0.506766227
## 5864	1lp9	2ypl 1.022575449
## 5865	1ymm	2ypl 1.321936169
## 5866	2j8u	2ypl 1.022494195
## 5867	2jcc	2ypl 1.023386987
## 5868	2uwe	2ypl 1.021831621
## 5869	2wbj	2ypl 1.078663191
## 5870	3gjf	2ypl 0.837783231
## 5871	3hae	2ypl 1.073930831
## 5872	3nfj	2ypl 0.840057509
## 5873	3o6f	2ypl 0.834186992
## 5874	3pl6	2ypl 1.386790236
## 5875	3t0e	2ypl 1.200135047
## 5876	4euq	2ypl 1.300277271
## 5877	4grl	2ypl 0.839231146
## 5878	4h1l	2ypl 1.496120456
## 5879	4may	2ypl 1.384123284
## 5880	4p4k	2ypl 0.812566300
## 5881	4qrr	2ypl 1.249367822
## 5882	4wuu	2ypl 0.538410642
## 5883	4zez	2ypl 1.385842323
## 5884	5brz	2ypl 2.281809033
## 5885	5bs0	2ypl 2.983118314
## 5886	5c07	2ypl 1.079368663
## 5887	5c08	2ypl 0.531014614
## 5888	5c09	2ypl 0.874829741
## 5889	5c0a	2ypl 1.516250525
## 5890	5c0b	2ypl 1.438583764
## 5891	5c0c	2ypl 1.075768327
## 5892	5e6i	2ypl 1.225133597
## 5893	5e9d	2ypl 0.776003827
## 5894	5eu6	2ypl 1.260022648
## 5895	5euo	2ypl 7.225746188
## 5896	5hhm	2ypl 1.488213703
## 5897	5hho	2ypl 1.014605910
## 5898	5hyj	2ypl 0.956925953
## 5899	5isz	2ypl 0.662089717
## 5900	5jhd	2ypl 1.317526001
## 5901	5jzi	2ypl 1.385070744
## 5902	5ks9	2ypl 1.560696554
## 5903	5ksa	2ypl 0.761977970
## 5904	5ksb	2ypl 0.880218518
## 5905	5men	2ypl 1.354039799
## 5906	5nht	2ypl 0.518470588
## 5907	5nme	2ypl 1.275669667
## 5908	5nmf	2ypl 0.978897604
## 5909	5nmg	2ypl 0.874978543
## 5910	5nqk	2ypl 0.520567619
## 5911	5tez	2ypl 3.249798131
## 5912	5w1v	2ypl 3.176966531
## 5913	5w1w	2ypl 3.413025478

## 5914	5wkf	2ypl 0.944806361
## 5915	5wkh	2ypl 0.904526545
## 5916	5xot	2ypl 1.210064443
## 5917	5xov	2ypl 0.840057509
## 5918	5yxn	2ypl 1.008191855
## 5919	5yxu	2ypl 0.725820777
## 5920	6am5	2ypl 0.717539064
## 5921	6amu	2ypl 0.913654619
## 5922	6avf	2ypl 1.463345264
## 5923	6avg	2ypl 0.953773870
## 5924	6bj2	2ypl 1.711521715
## 5925	6bj3	2ypl 1.462696316
## 5926	6bj8	2ypl 1.468831169
## 5927	6cql	2ypl 1.279539790
## 5928	6cqn	2ypl 3.242501420
## 5929	6cqq	2ypl 1.495005671
## 5930	6cqr	2ypl 1.041783441
## 5931	6d78	2ypl 0.734205599
## 5932	6dfx	2ypl 3.169897014
## 5933	6dkp	2ypl 0.719604045
## 5934	6dxl	2ypl 1.892195129
## 5935	6eqa	2ypl 0.836892772
## 5936	6eqb	2ypl 0.829298303
## 5937	6mtm	2ypl 0.863285246
## 5938	6p64	2ypl 2.917917235
## 5939	6px6	2ypl 1.142996098
## 5940	6py2	2ypl 1.328750259
## 5941	6q3s	2ypl 0.999741152
## 5942	6r2l	2ypl 1.278048186
## 5943	6rp9	2ypl 1.121905192
## 5944	6rpa	2ypl 0.841263824
## 5945	6rpb	2ypl 1.032527710
## 5946	6rsy	2ypl 0.724298307
## 5947	6tmo	2ypl 1.142357198
## 5948	6tro	2ypl 1.589993521
## 5949	6u3n	2ypl 1.184132202
## 5950	6u3o	2ypl 1.772259261
## 5951	6uon	2ypl 0.939214411
## 5952	6vm7	2ypl 0.966392819
## 5953	6vm8	2ypl 0.898839013
## 5954	6vma	2ypl 1.132136037
## 5955	6vmc	2ypl 1.397440235
## 5956	6vmx	2ypl 1.099014456
## 5957	6vqo	2ypl 0.944259632
## 5958	6vrm	2ypl 1.754487201
## 5959	6vrn	2ypl 0.948384559
## 5960	7n1e	2ypl 1.186684210
## 5961	7n1f	2ypl 1.070833429
## 5962	7n6e	2ypl 0.887706176
## 5963	6xc9	2ypl 0.943045886
## 5964	6xco	2ypl 1.426216862
## 5965	6xcp	2ypl 3.335292926
## 5966	6zkw	2ypl 0.894486667
## 5967	6zxx	2ypl 0.894579392

## 5968	6zky	2ypl 0.896562259
## 5969	6zkz	2ypl 0.888058988
## 5970	7dzm	2ypl 1.740396631
## 5971	7dzn	2ypl 1.050266527
## 5972	7rm4	2ypl 1.155354359
## 5973	7rtr	2ypl 0.959844164
## 5974	7l1d	2ypl 0.999002744
## 5975	7sg0	2ypl 1.160412464
## 5976	7sg1	2ypl 1.182697557
## 5977	7sg2	2ypl 1.161173221
## 5978	7rrg	2ypl 0.915992262
## 5979	7n2s	2ypl 0.816404567
## 5980	7n2n	2ypl 0.784387780
## 5981	7n2o	2ypl 0.868347137
## 5982	7n2r	2ypl 1.076766104
## 5983	7n2p	2ypl 0.670000725
## 5984	7n2q	2ypl 0.846775248
## 5985	8cx4	2ypl 0.951761652
## 5986	8VCX	2ypl 2.964233007
## 5987	8VCY	2ypl 0.840012157
## 5988	8VD0	2ypl 1.063931517
## 5989	8VD2	2ypl 1.241580751
## 5990	6XCP	2ypl 3.335440083
## 5991	6XC0	2ypl 1.426146822
## 5992	6XC9	2ypl 0.942195714
## 5993	1ao7	3d39 0.979036602
## 5994	1bd2	3d39 0.817201154
## 5995	1fyt	3d39 0.785652914
## 5996	1j8h	3d39 0.977964090
## 5997	1mi5	3d39 0.520390193
## 5998	1oga	3d39 0.660011587
## 5999	1qrn	3d39 1.097117383
## 6000	1qse	3d39 1.139257899
## 6001	1qsf	3d39 1.085814998
## 6002	1zgl	3d39 1.042079523
## 6003	2ak4	3d39 0.886443715
## 6004	2bnq	3d39 0.747032460
## 6005	2bnr	3d39 0.817236878
## 6006	2esv	3d39 0.939870681
## 6007	2f53	3d39 0.803692704
## 6008	2f54	3d39 1.429049691
## 6009	2gj6	3d39 0.985196980
## 6010	2iam	3d39 3.257247740
## 6011	2ian	3d39 0.800999736
## 6012	2nx5	3d39 0.829886468
## 6013	2p5e	3d39 0.805121576
## 6014	2p5w	3d39 0.807931217
## 6015	2pye	3d39 0.971771282
## 6016	2vlj	3d39 1.117762941
## 6017	2vlk	3d39 1.679681685
## 6018	2vlr	3d39 0.920643753
## 6019	2xn9	3d39 0.814198326
## 6020	2ypl	3d39 0.879825063
## 6021	3d39	3d39 0.000000000

## 6022	3d3v	3d39 0.719888088
## 6023	3dra	3d39 1.131355940
## 6024	3ffc	3d39 1.146419144
## 6025	3gsn	3d39 0.491447237
## 6026	3h9s	3d39 0.019010904
## 6027	3hg1	3d39 0.502267933
## 6028	3kpr	3d39 0.850713497
## 6029	3kps	3d39 0.866281779
## 6030	3kxf	3d39 0.845877539
## 6031	3mv7	3d39 1.007695122
## 6032	3mv8	3d39 0.712036949
## 6033	3mv9	3d39 1.033425750
## 6034	3o4l	3d39 0.904293168
## 6035	3pwp	3d39 0.017886851
## 6036	3qdg	3d39 1.235425750
## 6037	3qdj	3d39 1.234839108
## 6038	3qdm	3d39 2.002641061
## 6039	3qeq	3d39 0.650512599
## 6040	3qfj	3d39 0.538082508
## 6041	3sjv	3d39 0.930938952
## 6042	3uts	3d39 1.043507736
## 6043	3utt	3d39 0.671957658
## 6044	3vxm	3d39 0.985426289
## 6045	3vxr	3d39 0.810432082
## 6046	3vxs	3d39 1.077443903
## 6047	4c56	3d39 0.607761671
## 6048	4e41	3d39 4.079740495
## 6049	4eup	3d39 0.874356743
## 6050	4ftv	3d39 0.991324686
## 6051	4g8g	3d39 1.181761872
## 6052	4g9f	3d39 0.630868246
## 6053	4gg6	3d39 1.163335374
## 6054	4jfd	3d39 0.510765048
## 6055	4jfe	3d39 0.507506481
## 6056	4jff	3d39 0.505503795
## 6057	4jrx	3d39 0.771287516
## 6058	4jry	3d39 0.975063601
## 6059	4l3e	3d39 0.942409420
## 6060	4mji	3d39 1.758829962
## 6061	4mnq	3d39 0.884604747
## 6062	4ozf	3d39 1.186789369
## 6063	4ozg	3d39 3.278761699
## 6064	4ozh	3d39 2.288103827
## 6065	4ozi	3d39 3.227700814
## 6066	4prh	3d39 0.921577084
## 6067	4pri	3d39 0.965922993
## 6068	4prp	3d39 0.947120087
## 6069	4qok	3d39 0.753477688
## 6070	4qrp	3d39 0.837414334
## 6071	4y19	3d39 1.265604346
## 6072	4y1a	3d39 0.934461236
## 6073	4z7u	3d39 1.647478343
## 6074	4z7v	3d39 1.307910698
## 6075	4z7w	3d39 0.740218131

## 6076	5d2l	3d39 0.974167678
## 6077	5d2n	3d39 0.729406336
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## 6080	2j8u	3d39 0.758338620
## 6081	2jcc	3d39 0.758680364
## 6082	2uwe	3d39 0.757286429
## 6083	2wbj	3d39 0.898912268
## 6084	3gjf	3d39 0.835870028
## 6085	3hae	3d39 1.086095105
## 6086	3nfj	3d39 0.726882987
## 6087	3o6f	3d39 0.741896519
## 6088	3pl6	3d39 0.851792694
## 6089	3t0e	3d39 0.855110172
## 6090	4euq	3d39 1.139372601
## 6091	4grl	3d39 0.651424084
## 6092	4h1l	3d39 1.340037218
## 6093	4may	3d39 0.903268931
## 6094	4p4k	3d39 0.646490278
## 6095	4qrr	3d39 0.611093868
## 6096	4wuu	3d39 0.952215903
## 6097	4zez	3d39 1.293056867
## 6098	5brz	3d39 2.252203363
## 6099	5bs0	3d39 3.216408167
## 6100	5c07	3d39 1.054664223
## 6101	5c08	3d39 0.900901356
## 6102	5c09	3d39 0.675219498
## 6103	5c0a	3d39 1.460546286
## 6104	5c0b	3d39 1.024646780
## 6105	5c0c	3d39 1.379936781
## 6106	5e6i	3d39 1.151230855
## 6107	5e9d	3d39 0.884093698
## 6108	5eu6	3d39 0.780262901
## 6109	5euo	3d39 7.216289199
## 6110	5hhm	3d39 1.208346814
## 6111	5hho	3d39 1.085180234
## 6112	5hyj	3d39 0.975347966
## 6113	5isz	3d39 0.900383011
## 6114	5jhd	3d39 1.106333957
## 6115	5jzi	3d39 1.292437630
## 6116	5ks9	3d39 1.222351631
## 6117	5ksa	3d39 0.616311565
## 6118	5ksb	3d39 0.765494449
## 6119	5men	3d39 0.885357888
## 6120	5nht	3d39 1.133936834
## 6121	5nme	3d39 1.037972484
## 6122	5nmf	3d39 0.885755847
## 6123	5nmg	3d39 0.801843317
## 6124	5nqk	3d39 1.140836822
## 6125	5tez	3d39 3.668846407
## 6126	5w1v	3d39 3.167711180
## 6127	5w1w	3d39 3.303819671
## 6128	5wkf	3d39 0.858195879
## 6129	5wkh	3d39 0.543645653

## 6130	5xot	3d39 0.982352435
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## 6132	5yxn	3d39 0.650394353
## 6133	5yxu	3d39 0.846977660
## 6134	6am5	3d39 0.950747994
## 6135	6amu	3d39 0.932745446
## 6136	6avf	3d39 1.739217304
## 6137	6avg	3d39 0.971522539
## 6138	6bj2	3d39 1.741015779
## 6139	6bj3	3d39 1.107251606
## 6140	6bj8	3d39 1.110648229
## 6141	6cql	3d39 0.794573056
## 6142	6cqn	3d39 2.797218783
## 6143	6cqq	3d39 1.756800074
## 6144	6cqr	3d39 0.834803785
## 6145	6d78	3d39 0.943493732
## 6146	6dfx	3d39 3.006767065
## 6147	6dkp	3d39 0.936143403
## 6148	6dxl	3d39 1.918073921
## 6149	6eqa	3d39 0.504113690
## 6150	6eqb	3d39 0.509236063
## 6151	6mtm	3d39 0.689538195
## 6152	6p64	3d39 2.743217794
## 6153	6px6	3d39 0.772389726
## 6154	6py2	3d39 0.780351610
## 6155	6q3s	3d39 0.476390083
## 6156	6r2l	3d39 0.981894523
## 6157	6rp9	3d39 1.011312594
## 6158	6rpa	3d39 0.813197010
## 6159	6rpb	3d39 1.030444368
## 6160	6rsy	3d39 0.684734764
## 6161	6tmo	3d39 1.120023936
## 6162	6tro	3d39 1.209347182
## 6163	6u3n	3d39 0.708995403
## 6164	6u3o	3d39 2.017080017
## 6165	6uon	3d39 0.886009829
## 6166	6vm7	3d39 0.843132154
## 6167	6vm8	3d39 0.796174952
## 6168	6vma	3d39 0.831249723
## 6169	6vmc	3d39 0.958655750
## 6170	6vmx	3d39 1.196189232
## 6171	6vqo	3d39 0.717859470
## 6172	6vrm	3d39 1.796891845
## 6173	6vrn	3d39 0.581582013
## 6174	7n1e	3d39 0.866200520
## 6175	7n1f	3d39 0.651823523
## 6176	7n6e	3d39 0.864616234
## 6177	6xc9	3d39 1.114976634
## 6178	6xco	3d39 0.984259007
## 6179	6xcp	3d39 3.108624381
## 6180	6zkw	3d39 0.830548440
## 6181	6zlx	3d39 0.561243536
## 6182	6zky	3d39 0.831010819
## 6183	6zkz	3d39 0.952929032

## 6184	7dzm	3d39 1.258443375
## 6185	7dzn	3d39 0.529967394
## 6186	7rm4	3d39 1.196386975
## 6187	7rtr	3d39 0.770681180
## 6188	7l1d	3d39 0.698046436
## 6189	7sg0	3d39 1.154815954
## 6190	7sg1	3d39 1.162604686
## 6191	7sg2	3d39 1.149216900
## 6192	7rrg	3d39 0.692891649
## 6193	7n2s	3d39 0.585799377
## 6194	7n2n	3d39 0.597530283
## 6195	7n2o	3d39 0.872261818
## 6196	7n2r	3d39 1.142915899
## 6197	7n2p	3d39 0.794043174
## 6198	7n2q	3d39 0.961677230
## 6199	8cx4	3d39 0.725219641
## 6200	8VCX	3d39 2.605255149
## 6201	8VCY	3d39 0.633404973
## 6202	8VD0	3d39 0.794753623
## 6203	8VD2	3d39 0.935098967
## 6204	6XCP	3d39 3.108677638
## 6205	6XC0	3d39 0.984073771
## 6206	6XC9	3d39 1.115811243
## 6207	1ao7	3d3v 0.955483655
## 6208	1bd2	3d3v 0.813113862
## 6209	1fyt	3d3v 0.752128611
## 6210	1j8h	3d3v 1.231850851
## 6211	1mi5	3d3v 0.833225199
## 6212	1oga	3d3v 0.304548286
## 6213	1qrn	3d3v 1.084554467
## 6214	1qse	3d3v 1.261033322
## 6215	1qsf	3d3v 1.077525016
## 6216	1zgl	3d3v 0.964602488
## 6217	2ak4	3d3v 0.849028634
## 6218	2bnq	3d3v 0.942153679
## 6219	2bnr	3d3v 0.999190170
## 6220	2esv	3d3v 0.758425928
## 6221	2f53	3d3v 0.662314463
## 6222	2f54	3d3v 1.537669281
## 6223	2gj6	3d3v 1.106507805
## 6224	2iam	3d3v 3.504925811
## 6225	2ian	3d3v 0.788270522
## 6226	2nx5	3d3v 0.798739798
## 6227	2p5e	3d3v 0.670576373
## 6228	2p5w	3d3v 0.672244645
## 6229	2pye	3d3v 0.862928428
## 6230	2vlj	3d3v 1.207547100
## 6231	2vlk	3d3v 1.599335298
## 6232	2vlr	3d3v 0.979959859
## 6233	2xn9	3d3v 0.802000098
## 6234	2yp1	3d3v 1.047210042
## 6235	3d39	3d3v 0.719888088
## 6236	3d3v	3d3v 0.000000000
## 6237	3dxa	3d3v 1.142403426

## 6238	3ffc	3d3v 1.142382081
## 6239	3gsn	3d3v 0.840536356
## 6240	3h9s	3d3v 0.720250235
## 6241	3hg1	3d3v 0.783276613
## 6242	3kpr	3d3v 0.939206341
## 6243	3kps	3d3v 0.687551188
## 6244	3kxf	3d3v 0.772570646
## 6245	3mv7	3d3v 0.535315778
## 6246	3mv8	3d3v 1.179292588
## 6247	3mv9	3d3v 0.576833481
## 6248	3o4l	3d3v 1.250976190
## 6249	3pwp	3d3v 0.720203473
## 6250	3qdg	3d3v 1.405617764
## 6251	3qdj	3d3v 1.405036374
## 6252	3qdm	3d3v 2.225499501
## 6253	3qeq	3d3v 1.069238504
## 6254	3qfj	3d3v 0.961611561
## 6255	3sjv	3d3v 0.925631426
## 6256	3uts	3d3v 1.202698566
## 6257	3utt	3d3v 0.706699078
## 6258	3vxm	3d3v 0.880851807
## 6259	3vxr	3d3v 0.843492032
## 6260	3vxs	3d3v 0.901880519
## 6261	4c56	3d3v 0.725564846
## 6262	4e41	3d3v 4.080426651
## 6263	4eup	3d3v 0.859635216
## 6264	4ftv	3d3v 0.941160170
## 6265	4g8g	3d3v 0.941892887
## 6266	4g9f	3d3v 0.854338611
## 6267	4gg6	3d3v 1.201186172
## 6268	4jfd	3d3v 0.789569091
## 6269	4jfe	3d3v 0.790764642
## 6270	4jff	3d3v 0.790727637
## 6271	4jrx	3d3v 0.689475510
## 6272	4jry	3d3v 0.774575076
## 6273	4l3e	3d3v 0.996615646
## 6274	4mji	3d3v 1.618253833
## 6275	4mnq	3d3v 0.535372227
## 6276	4ozf	3d3v 1.487009440
## 6277	4ozg	3d3v 3.311484287
## 6278	4ozh	3d3v 2.357134023
## 6279	4ozi	3d3v 3.248983178
## 6280	4prh	3d3v 0.724570984
## 6281	4pri	3d3v 1.078099087
## 6282	4prp	3d3v 0.737129122
## 6283	4qok	3d3v 1.030502361
## 6284	4qrp	3d3v 0.660343786
## 6285	4y19	3d3v 1.043812719
## 6286	4y1a	3d3v 0.857507857
## 6287	4z7u	3d3v 1.701834353
## 6288	4z7v	3d3v 1.511119719
## 6289	4z7w	3d3v 0.667787158
## 6290	5d2l	3d3v 0.952011815
## 6291	5d2n	3d3v 0.710113485

## 6292	1lp9	3d3v 0.764449756
## 6293	1ymm	3d3v 1.291838489
## 6294	2j8u	3d3v 0.764487614
## 6295	2jcc	3d3v 0.765774771
## 6296	2uwe	3d3v 0.764310975
## 6297	2wbj	3d3v 1.038419849
## 6298	3gjf	3d3v 0.902498293
## 6299	3hae	3d3v 1.114461292
## 6300	3nfj	3d3v 0.809718752
## 6301	3o6f	3d3v 0.581014399
## 6302	3pl6	3d3v 1.064423924
## 6303	3t0e	3d3v 0.997755506
## 6304	4euq	3d3v 1.152169024
## 6305	4grl	3d3v 1.069597116
## 6306	4h1l	3d3v 1.486181654
## 6307	4may	3d3v 0.863822438
## 6308	4p4k	3d3v 0.895602769
## 6309	4qrr	3d3v 0.911371205
## 6310	4wuu	3d3v 1.006261610
## 6311	4zez	3d3v 1.361100140
## 6312	5brz	3d3v 2.281268261
## 6313	5bs0	3d3v 3.282392051
## 6314	5c07	3d3v 1.249101746
## 6315	5c08	3d3v 0.981812192
## 6316	5c09	3d3v 0.711613428
## 6317	5c0a	3d3v 1.470567726
## 6318	5c0b	3d3v 0.992563067
## 6319	5c0c	3d3v 1.489677644
## 6320	5e6i	3d3v 1.140182474
## 6321	5e9d	3d3v 0.763484876
## 6322	5eu6	3d3v 1.035142571
## 6323	5euo	3d3v 7.243918804
## 6324	5hhm	3d3v 1.239814785
## 6325	5hho	3d3v 1.274668767
## 6326	5hyj	3d3v 1.124272054
## 6327	5isz	3d3v 1.102649727
## 6328	5jhd	3d3v 1.316492066
## 6329	5jzi	3d3v 1.360479986
## 6330	5ks9	3d3v 1.088327090
## 6331	5ksa	3d3v 0.892361122
## 6332	5ksb	3d3v 0.762468616
## 6333	5men	3d3v 0.535489995
## 6334	5nht	3d3v 1.234588362
## 6335	5nme	3d3v 1.173543321
## 6336	5nmf	3d3v 1.126369912
## 6337	5nmg	3d3v 0.972130197
## 6338	5nqk	3d3v 1.236480455
## 6339	5tez	3d3v 3.744131833
## 6340	5w1v	3d3v 3.221256825
## 6341	5w1w	3d3v 3.385536604
## 6342	5wkf	3d3v 0.745648691
## 6343	5wkh	3d3v 0.766986694
## 6344	5xot	3d3v 0.892378874
## 6345	5xov	3d3v 0.809718752

## 6346	5yxn	3d3v 0.844523103
## 6347	5yxu	3d3v 0.776717934
## 6348	6am5	3d3v 0.999106847
## 6349	6amu	3d3v 1.078486089
## 6350	6avf	3d3v 1.916831463
## 6351	6avg	3d3v 0.890029758
## 6352	6bj2	3d3v 1.682227560
## 6353	6bj3	3d3v 1.159481444
## 6354	6bj8	3d3v 1.162925126
## 6355	6cql	3d3v 1.122148572
## 6356	6cqn	3d3v 3.129247776
## 6357	6cqq	3d3v 1.853512607
## 6358	6cqr	3d3v 0.941129907
## 6359	6d78	3d3v 1.003172430
## 6360	6dfx	3d3v 3.049476174
## 6361	6dkp	3d3v 0.999754595
## 6362	6dx f	3d3v 2.034856986
## 6363	6eqa	3d3v 0.785604914
## 6364	6eqb	3d3v 0.792572533
## 6365	6mtm	3d3v 0.868276596
## 6366	6p64	3d3v 2.826322260
## 6367	6px6	3d3v 0.550356466
## 6368	6py2	3d3v 0.982394035
## 6369	6q3s	3d3v 0.808579160
## 6370	6r2l	3d3v 1.041116067
## 6371	6rp9	3d3v 1.007281443
## 6372	6rpa	3d3v 0.604974666
## 6373	6rpb	3d3v 1.092971560
## 6374	6rsy	3d3v 0.752808573
## 6375	6tmo	3d3v 1.185802846
## 6376	6tro	3d3v 1.091151923
## 6377	6u3n	3d3v 0.918341271
## 6378	6u3o	3d3v 2.050020950
## 6379	6uon	3d3v 1.015854218
## 6380	6vm7	3d3v 0.905509573
## 6381	6vm8	3d3v 0.905253668
## 6382	6vma	3d3v 0.715593241
## 6383	6vmc	3d3v 1.003491232
## 6384	6vmx	3d3v 1.136995882
## 6385	6vqo	3d3v 0.673754982
## 6386	6vrm	3d3v 1.956479940
## 6387	6vrn	3d3v 0.889276275
## 6388	7n1e	3d3v 1.072523470
## 6389	7n1f	3d3v 0.597056816
## 6390	7n6e	3d3v 0.836219708
## 6391	6xc9	3d3v 1.137421535
## 6392	6xco	3d3v 1.048702418
## 6393	6xcp	3d3v 3.385068878
## 6394	6zkw	3d3v 0.841620736
## 6395	6z kx	3d3v 0.753598635
## 6396	6zky	3d3v 0.842346218
## 6397	6zkz	3d3v 0.693500707
## 6398	7dzm	3d3v 1.525875595
## 6399	7dzn	3d3v 0.817528611

## 6400	7rm4	3d3v 1.222605637
## 6401	7rtr	3d3v 0.653165774
## 6402	7l1d	3d3v 0.736896199
## 6403	7sg0	3d3v 0.937060993
## 6404	7sg1	3d3v 1.190396819
## 6405	7sg2	3d3v 1.172366685
## 6406	7rrg	3d3v 0.805276275
## 6407	7n2s	3d3v 0.904073034
## 6408	7n2n	3d3v 0.899305096
## 6409	7n2o	3d3v 0.789771378
## 6410	7n2r	3d3v 1.056552909
## 6411	7n2p	3d3v 1.066147858
## 6412	7n2q	3d3v 1.046581974
## 6413	8cx4	3d3v 0.712205238
## 6414	8VCX	3d3v 2.852626375
## 6415	8VCY	3d3v 1.057255737
## 6416	8VD0	3d3v 0.754915803
## 6417	8VD2	3d3v 0.712908178
## 6418	6XCP	3d3v 3.385104278
## 6419	6XC0	3d3v 1.047641781
## 6420	6XC9	3d3v 1.137383622
## 6421	1ao7	3dxa 1.366570114
## 6422	1bd2	3dxa 0.925236597
## 6423	1fyt	3dxa 1.174670144
## 6424	1j8h	3dxa 1.362420307
## 6425	1mi5	3dxa 1.202227090
## 6426	1oga	3dxa 1.153579846
## 6427	1qrn	3dxa 1.342208786
## 6428	1qse	3dxa 1.347587008
## 6429	1qsf	3dxa 1.340091951
## 6430	1zgl	3dxa 0.805735283
## 6431	2ak4	3dxa 0.694913497
## 6432	2bnq	3dxa 1.182030515
## 6433	2bnr	3dxa 1.096042462
## 6434	2esv	3dxa 1.312430071
## 6435	2f53	3dxa 1.021428299
## 6436	2f54	3dxa 0.876321319
## 6437	2gj6	3dxa 1.363833443
## 6438	2iam	3dxa 1.838843331
## 6439	2ian	3dxa 0.797159122
## 6440	2nx5	3dxa 0.625592528
## 6441	2p5e	3dxa 1.017931986
## 6442	2p5w	3dxa 1.018607371
## 6443	2pye	3dxa 0.942995071
## 6444	2vlj	3dxa 0.986667268
## 6445	2vlk	3dxa 1.608278266
## 6446	2vlr	3dxa 0.675308530
## 6447	2xn9	3dxa 1.050569058
## 6448	2ypl	3dxa 1.135682684
## 6449	3d39	3dxa 1.131355940
## 6450	3d3v	3dxa 1.142403426
## 6451	3dxa	3dxa 0.000000000
## 6452	3ffc	3dxa 1.006787353
## 6453	3gsn	3dxa 1.044198404

## 6454	3h9s	3dxa 1.130760298
## 6455	3hg1	3dxa 1.136495411
## 6456	3kpr	3dxa 0.733921227
## 6457	3kps	3dxa 1.020101140
## 6458	3kxf	3dxa 0.649106535
## 6459	3mv7	3dxa 1.208051549
## 6460	3mv8	3dxa 1.030554038
## 6461	3mv9	3dxa 1.329705101
## 6462	3o4l	3dxa 1.039923558
## 6463	3pwp	3dxa 1.131806470
## 6464	3qdg	3dxa 1.239989431
## 6465	3qdj	3dxa 1.240761199
## 6466	3qdm	3dxa 1.295474551
## 6467	3qeq	3dxa 1.019375032
## 6468	3qfj	3dxa 1.077911286
## 6469	3sjv	3dxa 0.660997945
## 6470	3uts	3dxa 0.959212104
## 6471	3utt	3dxa 0.952683126
## 6472	3vxm	3dxa 0.921776145
## 6473	3vxr	3dxa 1.092991024
## 6474	3vxs	3dxa 0.961643299
## 6475	4c56	3dxa 0.794633739
## 6476	4e41	3dxa 2.692316692
## 6477	4eup	3dxa 0.875289311
## 6478	4ftv	3dxa 1.027581438
## 6479	4g8g	3dxa 1.144160670
## 6480	4g9f	3dxa 1.151268325
## 6481	4gg6	3dxa 0.827314360
## 6482	4jfd	3dxa 1.136220002
## 6483	4jfe	3dxa 1.136234606
## 6484	4jff	3dxa 1.136666930
## 6485	4jrx	3dxa 0.953695489
## 6486	4jry	3dxa 1.055018216
## 6487	4l3e	3dxa 1.105852450
## 6488	4mji	3dxa 1.390657622
## 6489	4mnq	3dxa 1.182469668
## 6490	4ozf	3dxa 0.982117841
## 6491	4ozg	3dxa 2.121097094
## 6492	4ozh	3dxa 1.467235742
## 6493	4ozi	3dxa 2.218972861
## 6494	4prh	3dxa 1.047694896
## 6495	4pri	3dxa 1.006500902
## 6496	4prp	3dxa 1.001061517
## 6497	4qok	3dxa 1.256543757
## 6498	4qrp	3dxa 0.905835703
## 6499	4y19	3dxa 1.216842257
## 6500	4y1a	3dxa 1.182321755
## 6501	4z7u	3dxa 1.261140195
## 6502	4z7v	3dxa 0.753216990
## 6503	4z7w	3dxa 0.863223189
## 6504	5d2l	3dxa 0.725025478
## 6505	5d2n	3dxa 0.807152932
## 6506	1lp9	3dxa 0.782756116
## 6507	1ymm	3dxa 1.183983145

## 6508	2j8u	3dxa 0.782610585
## 6509	2jcc	3dxa 0.783309209
## 6510	2uwe	3dxa 0.782350612
## 6511	2wbj	3dxa 0.866283672
## 6512	3gjf	3dxa 0.740717001
## 6513	3hae	3dxa 0.728360740
## 6514	3nfj	3dxa 0.792353694
## 6515	3o6f	3dxa 0.817667842
## 6516	3pl6	3dxa 1.205863927
## 6517	3t0e	3dxa 0.853065187
## 6518	4euq	3dxa 0.975434999
## 6519	4grl	3dxa 1.042314140
## 6520	4h1l	3dxa 0.838584362
## 6521	4may	3dxa 1.071122617
## 6522	4p4k	3dxa 0.822967325
## 6523	4qrr	3dxa 1.070987629
## 6524	4wuu	3dxa 1.082830984
## 6525	4zez	3dxa 0.676138403
## 6526	5brz	3dxa 1.581388074
## 6527	5bs0	3dxa 1.864151527
## 6528	5c07	3dxa 0.828220155
## 6529	5c08	3dxa 0.866611650
## 6530	5c09	3dxa 0.956223687
## 6531	5c0a	3dxa 0.982272872
## 6532	5c0b	3dxa 0.941071259
## 6533	5c0c	3dxa 0.945968821
## 6534	5e6i	3dxa 0.994838997
## 6535	5e9d	3dxa 0.891659384
## 6536	5eu6	3dxa 1.122312316
## 6537	5euo	3dxa 4.391249006
## 6538	5hhm	3dxa 1.110716698
## 6539	5hho	3dxa 0.969099877
## 6540	5hyj	3dxa 0.934767315
## 6541	5isz	3dxa 1.239955232
## 6542	5jhd	3dxa 0.930114096
## 6543	5jzi	3dxa 0.675647299
## 6544	5ks9	3dxa 1.156399316
## 6545	5ksa	3dxa 1.052091644
## 6546	5ksb	3dxa 0.715347535
## 6547	5men	3dxa 1.182534090
## 6548	5nht	3dxa 1.052740129
## 6549	5nme	3dxa 1.071637169
## 6550	5nmf	3dxa 0.825289512
## 6551	5nmg	3dxa 0.842454113
## 6552	5nqk	3dxa 1.057687576
## 6553	5tez	3dxa 2.062741298
## 6554	5w1v	3dxa 1.769102408
## 6555	5w1w	3dxa 1.812936595
## 6556	5wkf	3dxa 0.750302948
## 6557	5wkh	3dxa 0.896941784
## 6558	5xot	3dxa 1.024515358
## 6559	5xov	3dxa 0.792353694
## 6560	5yxn	3dxa 1.142522755
## 6561	5yxu	3dxa 0.848968483

## 6562	6am5	3dxa 1.110843441
## 6563	6amu	3dxa 1.019446014
## 6564	6avf	3dxa 1.177867164
## 6565	6avg	3dxa 0.888162905
## 6566	6bj2	3dxa 1.238309333
## 6567	6bj3	3dxa 0.966591316
## 6568	6bj8	3dxa 0.970510607
## 6569	6cql	3dxa 1.114237406
## 6570	6cqn	3dxa 1.701037470
## 6571	6cqq	3dxa 1.162216684
## 6572	6cqr	3dxa 0.696963087
## 6573	6d78	3dxa 1.115721265
## 6574	6dfx	3dxa 2.144737259
## 6575	6dkp	3dxa 1.103406295
## 6576	6dxg	3dxa 1.594957268
## 6577	6eqa	3dxa 1.138694923
## 6578	6eqb	3dxa 1.135780973
## 6579	6mtm	3dxa 1.075928862
## 6580	6p64	3dxa 1.892796094
## 6581	6px6	3dxa 1.044477875
## 6582	6py2	3dxa 1.105593397
## 6583	6q3s	3dxa 1.222720953
## 6584	6r2l	3dxa 0.901547502
## 6585	6rp9	3dxa 0.720193869
## 6586	6rpa	3dxa 1.029116305
## 6587	6rpb	3dxa 0.690420916
## 6588	6rsy	3dxa 0.974240038
## 6589	6tmo	3dxa 0.892351949
## 6590	6tro	3dxa 1.468260346
## 6591	6u3n	3dxa 1.049513751
## 6592	6u3o	3dxa 1.142047767
## 6593	6uon	3dxa 0.923160619
## 6594	6vm7	3dxa 1.048545134
## 6595	6vm8	3dxa 1.028011760
## 6596	6vma	3dxa 1.255758377
## 6597	6vmc	3dxa 1.354761956
## 6598	6vmx	3dxa 0.871721189
## 6599	6vqo	3dxa 0.950084420
## 6600	6vrm	3dxa 1.197610170
## 6601	6vrn	3dxa 1.124572692
## 6602	7n1e	3dxa 0.964084367
## 6603	7n1f	3dxa 1.053845735
## 6604	7n6e	3dxa 0.771050406
## 6605	6xc9	3dxa 0.702973705
## 6606	6xco	3dxa 1.023364006
## 6607	6xcp	3dxa 1.708456083
## 6608	6zkw	3dxa 1.099249800
## 6609	6zky	3dxa 1.219613742
## 6610	6zky	3dxa 1.098185528
## 6611	6zkz	3dxa 1.059644401
## 6612	7dzm	3dxa 1.179741278
## 6613	7dzn	3dxa 1.201585220
## 6614	7rm4	3dxa 0.891069831
## 6615	7rtr	3dxa 1.005635497

## 6616	7l1d	3dxa 1.260479253
## 6617	7sg0	3dxa 1.402774054
## 6618	7sg1	3dxa 0.718396473
## 6619	7sg2	3dxa 0.727866058
## 6620	7rrg	3dxa 1.161181168
## 6621	7n2s	3dxa 1.174284968
## 6622	7n2n	3dxa 1.174786629
## 6623	7n2o	3dxa 0.945115882
## 6624	7n2r	3dxa 0.978736371
## 6625	7n2p	3dxa 0.987920126
## 6626	7n2q	3dxa 0.914699480
## 6627	8cx4	3dxa 0.960637625
## 6628	8VCX	3dxa 1.591544817
## 6629	8VCY	3dxa 1.051191693
## 6630	8VD0	3dxa 0.789955638
## 6631	8VD2	3dxa 1.258217208
## 6632	6XCP	3dxa 1.708487995
## 6633	6XC0	3dxa 1.023027542
## 6634	6XC9	3dxa 0.701668773
## 6635	1ao7	3ffc 1.381029340
## 6636	1bd2	3ffc 1.203092343
## 6637	1fyt	3ffc 1.135641879
## 6638	1j8h	3ffc 1.393442341
## 6639	1mi5	3ffc 1.098185862
## 6640	1oga	3ffc 1.090664250
## 6641	1qrn	3ffc 1.304929165
## 6642	1qse	3ffc 1.674513269
## 6643	1qsf	3ffc 1.299305528
## 6644	1zgl	3ffc 0.889521191
## 6645	2ak4	3ffc 0.641020436
## 6646	2bnq	3ffc 1.417519101
## 6647	2bnr	3ffc 1.352486514
## 6648	2esv	3ffc 1.203198139
## 6649	2f53	3ffc 1.195245252
## 6650	2f54	3ffc 1.572812284
## 6651	2gj6	3ffc 1.408110190
## 6652	2iam	3ffc 2.487978969
## 6653	2ian	3ffc 0.653683834
## 6654	2nx5	3ffc 0.851157756
## 6655	2p5e	3ffc 1.192428077
## 6656	2p5w	3ffc 1.195054212
## 6657	2pye	3ffc 1.151670505
## 6658	2vlj	3ffc 1.613190606
## 6659	2vlk	3ffc 1.624673779
## 6660	2vlr	3ffc 1.215490175
## 6661	2xn9	3ffc 1.056820274
## 6662	2ypl	3ffc 1.449999132
## 6663	3d39	3ffc 1.146419144
## 6664	3d3v	3ffc 1.142382081
## 6665	3dxa	3ffc 1.006787353
## 6666	3ffc	3ffc 0.000000000
## 6667	3gsn	3ffc 1.363404247
## 6668	3h9s	3ffc 1.144499192
## 6669	3hg1	3ffc 1.344855694

## 6670	3kpr	3ffc 1.041522799
## 6671	3kps	3ffc 1.106477768
## 6672	3kxf	3ffc 0.705914678
## 6673	3mv7	3ffc 1.122827820
## 6674	3mv8	3ffc 1.142221413
## 6675	3mv9	3ffc 1.243675835
## 6676	3o4l	3ffc 1.220930291
## 6677	3pwp	3ffc 1.146841519
## 6678	3qdg	3ffc 1.786812416
## 6679	3qdj	3ffc 1.787030865
## 6680	3qdm	3ffc 2.290660782
## 6681	3qeq	3ffc 1.455660259
## 6682	3qfj	3ffc 1.439139761
## 6683	3sjv	3ffc 1.029220375
## 6684	3uts	3ffc 1.278511012
## 6685	3utt	3ffc 0.756253500
## 6686	3vxm	3ffc 1.275629649
## 6687	3vxr	3ffc 0.930228469
## 6688	3vxs	3ffc 1.232457085
## 6689	4c56	3ffc 0.768541321
## 6690	4e4l	3ffc 3.289789729
## 6691	4eup	3ffc 1.073785995
## 6692	4ftv	3ffc 0.934356201
## 6693	4g8g	3ffc 0.786904412
## 6694	4g9f	3ffc 1.081556365
## 6695	4gg6	3ffc 0.749602418
## 6696	4jfd	3ffc 1.351452129
## 6697	4jfe	3ffc 1.349478747
## 6698	4jff	3ffc 1.347211403
## 6699	4jrx	3ffc 1.206942220
## 6700	4jry	3ffc 1.277404474
## 6701	4l3e	3ffc 1.113390291
## 6702	4mji	3ffc 0.907647875
## 6703	4mnq	3ffc 0.978993859
## 6704	4ozf	3ffc 1.592750692
## 6705	4ozg	3ffc 2.824312625
## 6706	4ozh	3ffc 2.122057919
## 6707	4ozi	3ffc 2.680849267
## 6708	4prh	3ffc 0.986623560
## 6709	4pri	3ffc 0.937998431
## 6710	4prp	3ffc 0.979491866
## 6711	4qok	3ffc 1.148528944
## 6712	4qrp	3ffc 0.745545185
## 6713	4y19	3ffc 1.130577673
## 6714	4y1a	3ffc 0.913232864
## 6715	4z7u	3ffc 1.546864881
## 6716	4z7v	3ffc 1.216829708
## 6717	4z7w	3ffc 0.864445744
## 6718	5d2l	3ffc 0.809530134
## 6719	5d2n	3ffc 1.014215752
## 6720	1lp9	3ffc 0.873516829
## 6721	1ymm	3ffc 1.031761408
## 6722	2j8u	3ffc 0.874941902
## 6723	2jcc	3ffc 0.875922250

## 6724	2uwe	3ffc 0.874332963
## 6725	2wbj	3ffc 1.134764946
## 6726	3gjf	3ffc 1.052610670
## 6727	3hae	3ffc 1.042441962
## 6728	3nfj	3ffc 1.077265114
## 6729	3o6f	3ffc 0.966957145
## 6730	3pl6	3ffc 1.047231331
## 6731	3t0e	3ffc 0.907400620
## 6732	4euq	3ffc 0.578620657
## 6733	4grl	3ffc 1.249403621
## 6734	4h1l	3ffc 1.149565457
## 6735	4may	3ffc 0.836387516
## 6736	4p4k	3ffc 0.952736168
## 6737	4qrr	3ffc 0.901510946
## 6738	4wuu	3ffc 1.419982967
## 6739	4zez	3ffc 1.016744214
## 6740	5brz	3ffc 2.485786073
## 6741	5bs0	3ffc 3.166667600
## 6742	5c07	3ffc 1.328966888
## 6743	5c08	3ffc 1.229700394
## 6744	5c09	3ffc 0.760755811
## 6745	5c0a	3ffc 1.403847851
## 6746	5c0b	3ffc 0.615710964
## 6747	5c0c	3ffc 1.612538469
## 6748	5e6i	3ffc 1.126393359
## 6749	5e9d	3ffc 1.137342663
## 6750	5eu6	3ffc 1.039251544
## 6751	5euo	3ffc 5.626589839
## 6752	5hhm	3ffc 1.274890038
## 6753	5hho	3ffc 1.175435262
## 6754	5hyj	3ffc 1.315306258
## 6755	5isz	3ffc 1.651002238
## 6756	5jhd	3ffc 1.190503047
## 6757	5jzi	3ffc 1.016667097
## 6758	5ks9	3ffc 0.723263220
## 6759	5ksa	3ffc 1.114251602
## 6760	5ksb	3ffc 0.833119412
## 6761	5men	3ffc 0.979715563
## 6762	5nht	3ffc 1.429759559
## 6763	5nme	3ffc 1.273962367
## 6764	5nmf	3ffc 1.262332244
## 6765	5nmg	3ffc 0.972226469
## 6766	5nqk	3ffc 1.429395694
## 6767	5tez	3ffc 3.427455418
## 6768	5w1v	3ffc 2.520519377
## 6769	5w1w	3ffc 2.494096970
## 6770	5wkf	3ffc 0.719815946
## 6771	5wkh	3ffc 0.794570803
## 6772	5xot	3ffc 0.906597992
## 6773	5xov	3ffc 1.077265114
## 6774	5yxn	3ffc 0.948210807
## 6775	5yxu	3ffc 1.200803699
## 6776	6am5	3ffc 1.118858293
## 6777	6amu	3ffc 1.073062210

## 6778	6avf	3ffc 1.780367942
## 6779	6avg	3ffc 0.806974863
## 6780	6bj2	3ffc 1.715054788
## 6781	6bj3	3ffc 0.943061379
## 6782	6bj8	3ffc 0.943034828
## 6783	6cql	3ffc 0.901509868
## 6784	6cqn	3ffc 2.161356972
## 6785	6cqq	3ffc 1.793731111
## 6786	6cqr	3ffc 0.859110075
## 6787	6d78	3ffc 1.108928147
## 6788	6dfx	3ffc 2.510550461
## 6789	6dkp	3ffc 1.109463575
## 6790	6dxl	3ffc 2.244232102
## 6791	6eqa	3ffc 1.347009507
## 6792	6eqb	3ffc 1.350872064
## 6793	6mtm	3ffc 1.082524402
## 6794	6p64	3ffc 2.421206053
## 6795	6px6	3ffc 1.053122673
## 6796	6py2	3ffc 1.101653590
## 6797	6q3s	3ffc 1.001801538
## 6798	6r2l	3ffc 1.326003267
## 6799	6rp9	3ffc 1.005973937
## 6800	6rpa	3ffc 1.210621272
## 6801	6rpb	3ffc 1.122348939
## 6802	6rsy	3ffc 0.971403458
## 6803	6tmo	3ffc 1.412398776
## 6804	6tro	3ffc 1.387204237
## 6805	6u3n	3ffc 0.982490451
## 6806	6u3o	3ffc 1.819487063
## 6807	6uon	3ffc 1.274156758
## 6808	6vm7	3ffc 1.017072891
## 6809	6vm8	3ffc 1.044002951
## 6810	6vma	3ffc 1.149915598
## 6811	6vmc	3ffc 1.380073736
## 6812	6vmx	3ffc 0.944104707
## 6813	6vqo	3ffc 0.847220197
## 6814	6vrm	3ffc 2.103364548
## 6815	6vrn	3ffc 1.015396875
## 6816	7n1e	3ffc 1.250399381
## 6817	7n1f	3ffc 1.182201266
## 6818	7n6e	3ffc 1.081501123
## 6819	6xc9	3ffc 1.171898172
## 6820	6xco	3ffc 0.913371391
## 6821	6xcp	3ffc 2.607379437
## 6822	6zkw	3ffc 1.052156650
## 6823	6zlx	3ffc 1.057829791
## 6824	6zky	3ffc 1.051479255
## 6825	6zkz	3ffc 1.169799340
## 6826	7dzm	3ffc 1.365406347
## 6827	7dzn	3ffc 1.148176760
## 6828	7rm4	3ffc 1.114366870
## 6829	7rtr	3ffc 1.390727543
## 6830	7l1d	3ffc 1.035065173
## 6831	7sg0	3ffc 1.561433874

## 6832	7sg1	3ffc 1.070758831
## 6833	7sg2	3ffc 1.068438392
## 6834	7rrg	3ffc 1.295834741
## 6835	7n2s	3ffc 1.229755472
## 6836	7n2n	3ffc 1.232108588
## 6837	7n2o	3ffc 1.382550212
## 6838	7n2r	3ffc 1.277276732
## 6839	7n2p	3ffc 1.338273487
## 6840	7n2q	3ffc 1.100288020
## 6841	8cx4	3ffc 1.221988222
## 6842	8VCX	3ffc 2.016052895
## 6843	8VCY	3ffc 1.262661932
## 6844	8VD0	3ffc 0.756178672
## 6845	8VD2	3ffc 1.104867036
## 6846	6XCP	3ffc 2.607459839
## 6847	6XC0	3ffc 0.913972335
## 6848	6XC9	3ffc 1.172234055
## 6849	1ao7	3gsn 1.187184698
## 6850	1bd2	3gsn 0.779154421
## 6851	1fyf	3gsn 0.996433349
## 6852	1j8h	3gsn 1.171150022
## 6853	1mi5	3gsn 0.831392306
## 6854	1oga	3gsn 0.797078444
## 6855	1qrn	3gsn 1.313483167
## 6856	1qse	3gsn 1.097010711
## 6857	1qsf	3gsn 1.305185134
## 6858	1zgl	3gsn 1.038831181
## 6859	2ak4	3gsn 0.921413010
## 6860	2bnq	3gsn 0.633876081
## 6861	2bnr	3gsn 0.632404995
## 6862	2esv	3gsn 1.175084505
## 6863	2f53	3gsn 0.808739920
## 6864	2f54	3gsn 1.244450406
## 6865	2gj6	3gsn 1.146477567
## 6866	2iam	3gsn 3.259487750
## 6867	2ian	3gsn 0.918197167
## 6868	2nx5	3gsn 0.801319004
## 6869	2p5e	3gsn 0.807401182
## 6870	2p5w	3gsn 0.809445712
## 6871	2pye	3gsn 0.912971646
## 6872	2vlj	3gsn 0.767752562
## 6873	2vlk	3gsn 1.906192340
## 6874	2vlr	3gsn 0.747456246
## 6875	2xn9	3gsn 0.876729765
## 6876	2yp1	3gsn 0.667680976
## 6877	3d39	3gsn 0.491447237
## 6878	3d3v	3gsn 0.840536356
## 6879	3dxa	3gsn 1.044198404
## 6880	3ffc	3gsn 1.363404247
## 6881	3gsn	3gsn 0.000000000
## 6882	3h9s	3gsn 0.492505938
## 6883	3hg1	3gsn 0.528933219
## 6884	3kpr	3gsn 0.766177001
## 6885	3kps	3gsn 0.882710979

## 6886	3kxf	3gsn 0.891655201
## 6887	3mv7	3gsn 1.085122849
## 6888	3mv8	3gsn 0.854794047
## 6889	3mv9	3gsn 1.177665437
## 6890	3o4l	3gsn 0.986852391
## 6891	3pwp	3gsn 0.491098795
## 6892	3qdg	3gsn 1.031054772
## 6893	3qdj	3gsn 1.030921567
## 6894	3qdm	3gsn 1.641964008
## 6895	3qeq	3gsn 0.357742744
## 6896	3qfj	3gsn 0.320734605
## 6897	3sjv	3gsn 0.857331070
## 6898	3uts	3gsn 1.013824876
## 6899	3utt	3gsn 0.828204556
## 6900	3vxm	3gsn 0.852285243
## 6901	3vxr	3gsn 0.961159121
## 6902	3vxs	3gsn 0.969965536
## 6903	4c56	3gsn 0.619198820
## 6904	4e41	3gsn 4.121444472
## 6905	4eup	3gsn 0.785479038
## 6906	4ftv	3gsn 1.072369739
## 6907	4g8g	3gsn 1.361110026
## 6908	4g9f	3gsn 0.793737195
## 6909	4gg6	3gsn 1.252237561
## 6910	4jfd	3gsn 0.529175469
## 6911	4jfe	3gsn 0.528647195
## 6912	4jff	3gsn 0.529706191
## 6913	4jrx	3gsn 0.706467429
## 6914	4jry	3gsn 0.856269794
## 6915	4l3e	3gsn 0.942398909
## 6916	4mji	3gsn 1.958467062
## 6917	4mnq	3gsn 1.123432055
## 6918	4ozf	3gsn 0.890368784
## 6919	4ozg	3gsn 3.202020343
## 6920	4ozh	3gsn 2.133606027
## 6921	4ozi	3gsn 3.237948400
## 6922	4prh	3gsn 0.998976880
## 6923	4pri	3gsn 1.133166504
## 6924	4prp	3gsn 0.996748672
## 6925	4qok	3gsn 1.058671057
## 6926	4qrp	3gsn 0.915890174
## 6927	4y19	3gsn 1.310101699
## 6928	4y1a	3gsn 1.141523430
## 6929	4z7u	3gsn 1.637648198
## 6930	4z7v	3gsn 1.265834379
## 6931	4z7w	3gsn 0.782401169
## 6932	5d2l	3gsn 1.060778688
## 6933	5d2n	3gsn 0.637442026
## 6934	1lp9	3gsn 0.793806562
## 6935	1ymm	3gsn 1.237692550
## 6936	2j8u	3gsn 0.793984963
## 6937	2jcc	3gsn 0.794906205
## 6938	2uwe	3gsn 0.793267064
## 6939	2wbj	3gsn 0.941267760

## 6940	3gjf	3gsn 0.745576557
## 6941	3hae	3gsn 1.050885102
## 6942	3nfj	3gsn 0.682612948
## 6943	3o6f	3gsn 0.751978474
## 6944	3pl6	3gsn 1.091378078
## 6945	3t0e	3gsn 0.952720724
## 6946	4euq	3gsn 1.294281411
## 6947	4grl	3gsn 0.654286127
## 6948	4h1l	3gsn 1.316250901
## 6949	4may	3gsn 1.122115821
## 6950	4p4k	3gsn 0.665030603
## 6951	4qrr	3gsn 0.885403714
## 6952	4wuu	3gsn 0.737272993
## 6953	4zez	3gsn 1.251285197
## 6954	5brz	3gsn 2.046087351
## 6955	5bs0	3gsn 2.885397466
## 6956	5c07	3gsn 0.926327134
## 6957	5c08	3gsn 0.693259296
## 6958	5c09	3gsn 0.832851008
## 6959	5c0a	3gsn 1.429815487
## 6960	5c0b	3gsn 1.238509998
## 6961	5c0c	3gsn 1.154655980
## 6962	5e6i	3gsn 1.158527558
## 6963	5e9d	3gsn 0.799419667
## 6964	5eu6	3gsn 0.945785646
## 6965	5euo	3gsn 7.149570123
## 6966	5hhm	3gsn 1.323674020
## 6967	5hho	3gsn 1.028167234
## 6968	5hyj	3gsn 0.864548418
## 6969	5isz	3gsn 0.668871841
## 6970	5jhd	3gsn 1.116425108
## 6971	5jzi	3gsn 1.250553144
## 6972	5ks9	3gsn 1.442772449
## 6973	5ksa	3gsn 0.661799230
## 6974	5ksb	3gsn 0.743018947
## 6975	5men	3gsn 1.123159637
## 6976	5nht	3gsn 0.910109864
## 6977	5nme	3gsn 1.133351419
## 6978	5nmf	3gsn 0.780982359
## 6979	5nmg	3gsn 0.827254806
## 6980	5nqk	3gsn 0.920966764
## 6981	5tez	3gsn 3.307088904
## 6982	5w1v	3gsn 3.103869653
## 6983	5w1w	3gsn 3.308590205
## 6984	5wkf	3gsn 0.919647222
## 6985	5wkh	3gsn 0.729633503
## 6986	5xot	3gsn 1.095387432
## 6987	5xov	3gsn 0.682612948
## 6988	5yxn	3gsn 0.855712135
## 6989	5yxu	3gsn 0.734265513
## 6990	6am5	3gsn 0.950526896
## 6991	6amu	3gsn 0.930683888
## 6992	6avf	3gsn 1.515339598
## 6993	6avg	3gsn 1.018809499

## 6994	6bj2	3gsn 1.659257767
## 6995	6bj3	3gsn 1.209432262
## 6996	6bj8	3gsn 1.215129578
## 6997	6cql	3gsn 1.051199910
## 6998	6cqn	3gsn 2.866638208
## 6999	6cqq	3gsn 1.591647344
## 7000	6cqr	3gsn 0.837964403
## 7001	6d78	3gsn 0.956547304
## 7002	6dfx	3gsn 3.039226858
## 7003	6dkp	3gsn 0.938788812
## 7004	6dxl	3gsn 1.777907872
## 7005	6eqa	3gsn 0.532273948
## 7006	6eqb	3gsn 0.527653472
## 7007	6mtm	3gsn 0.723189100
## 7008	6p64	3gsn 2.743575197
## 7009	6px6	3gsn 0.859386435
## 7010	6py2	3gsn 0.989145259
## 7011	6q3s	3gsn 0.861908167
## 7012	6r2l	3gsn 0.853681577
## 7013	6rp9	3gsn 1.031416517
## 7014	6rpa	3gsn 0.723942329
## 7015	6rpb	3gsn 0.951528934
## 7016	6rsy	3gsn 0.769255549
## 7017	6tmo	3gsn 0.912771342
## 7018	6tro	3gsn 1.441699967
## 7019	6u3n	3gsn 0.914716340
## 7020	6u3o	3gsn 1.830081616
## 7021	6uon	3gsn 0.828959486
## 7022	6vm7	3gsn 0.937786128
## 7023	6vm8	3gsn 0.845141880
## 7024	6vma	3gsn 1.026487446
## 7025	6vmc	3gsn 1.085940452
## 7026	6vmx	3gsn 1.166132309
## 7027	6vqo	3gsn 0.896907293
## 7028	6vrm	3gsn 1.507023795
## 7029	6vrn	3gsn 0.759508487
## 7030	7n1e	3gsn 0.861693968
## 7031	7n1f	3gsn 0.692646579
## 7032	7n6e	3gsn 0.776955560
## 7033	6xc9	3gsn 0.948516211
## 7034	6xco	3gsn 1.134123145
## 7035	6xcp	3gsn 3.010635620
## 7036	6zkw	3gsn 0.921874592
## 7037	6zkk	3gsn 0.851915701
## 7038	6zky	3gsn 0.922164834
## 7039	6zkz	3gsn 0.890927450
## 7040	7dzm	3gsn 1.344065725
## 7041	7dzn	3gsn 0.779916375
## 7042	7rm4	3gsn 1.183470602
## 7043	7rtr	3gsn 0.610062196
## 7044	7l1d	3gsn 0.959548400
## 7045	7sg0	3gsn 1.149327269
## 7046	7sg1	3gsn 1.082847106
## 7047	7sg2	3gsn 1.069159133

## 7048	7rrg	3gsn 0.756576285
## 7049	7n2s	3gsn 0.704832262
## 7050	7n2n	3gsn 0.706399592
## 7051	7n2o	3gsn 0.648793818
## 7052	7n2r	3gsn 1.045630544
## 7053	7n2p	3gsn 0.532466565
## 7054	7n2q	3gsn 0.881475915
## 7055	8cx4	3gsn 0.626025511
## 7056	8VCX	3gsn 2.739678878
## 7057	8VCY	3gsn 0.630765186
## 7058	8VD0	3gsn 0.903398721
## 7059	8VD2	3gsn 1.128121206
## 7060	6XCP	3gsn 3.011015266
## 7061	6XC0	3gsn 1.134340262
## 7062	6XC9	3gsn 0.947608085
## 7063	1ao7	3h9s 0.980962314
## 7064	1bd2	3h9s 0.815327954
## 7065	1fyt	3h9s 0.784266253
## 7066	1j8h	3h9s 0.979683536
## 7067	1mi5	3h9s 0.523762898
## 7068	1oga	3h9s 0.658785280
## 7069	1qrn	3h9s 1.097984264
## 7070	1qse	3h9s 1.143481715
## 7071	1qsf	3h9s 1.087338878
## 7072	1zgl	3h9s 1.041624771
## 7073	2ak4	3h9s 0.885515529
## 7074	2bnq	3h9s 0.749847729
## 7075	2bnr	3h9s 0.818148695
## 7076	2esv	3h9s 0.940802073
## 7077	2f53	3h9s 0.802438351
## 7078	2f54	3h9s 1.429688521
## 7079	2gj6	3h9s 0.989500966
## 7080	2iam	3h9s 3.256841669
## 7081	2ian	3h9s 0.800370401
## 7082	2nx5	3h9s 0.829402486
## 7083	2p5e	3h9s 0.803831286
## 7084	2p5w	3h9s 0.806651255
## 7085	2pye	3h9s 0.969203858
## 7086	2vlj	3h9s 1.116473320
## 7087	2vlk	3h9s 1.682023171
## 7088	2vlr	3h9s 0.921569803
## 7089	2xn9	3h9s 0.814927606
## 7090	2yp1	3h9s 0.880428897
## 7091	3d39	3h9s 0.019010904
## 7092	3d3v	3h9s 0.720250235
## 7093	3dxa	3h9s 1.130760298
## 7094	3ffc	3h9s 1.144499192
## 7095	3gsn	3h9s 0.492505938
## 7096	3h9s	3h9s 0.000000000
## 7097	3hg1	3h9s 0.502411323
## 7098	3kpr	3h9s 0.849699940
## 7099	3kps	3h9s 0.863371388
## 7100	3kxf	3h9s 0.845258778
## 7101	3mv7	3h9s 1.007889857

## 7102	3mv8	3h9s 0.710371400
## 7103	3mv9	3h9s 1.034918816
## 7104	3o4l	3h9s 0.902652014
## 7105	3pwp	3h9s 0.010918959
## 7106	3qdg	3h9s 1.238534589
## 7107	3qdj	3h9s 1.237945927
## 7108	3qdm	3h9s 2.003934580
## 7109	3qeq	3h9s 0.651846823
## 7110	3qfj	3h9s 0.539204913
## 7111	3sjv	3h9s 0.931386328
## 7112	3uts	3h9s 1.044697751
## 7113	3utt	3h9s 0.672489711
## 7114	3vxm	3h9s 0.984428350
## 7115	3vxr	3h9s 0.807365499
## 7116	3vxs	3h9s 1.075447334
## 7117	4c56	3h9s 0.607520316
## 7118	4e4l	3h9s 4.081142373
## 7119	4eup	3h9s 0.874239652
## 7120	4ftv	3h9s 0.988206070
## 7121	4g8g	3h9s 1.178884132
## 7122	4g9f	3h9s 0.632083083
## 7123	4gg6	3h9s 1.161422152
## 7124	4jfd	3h9s 0.511036470
## 7125	4jfe	3h9s 0.507776299
## 7126	4jff	3h9s 0.505768150
## 7127	4jrx	3h9s 0.768793628
## 7128	4jry	3h9s 0.973543175
## 7129	4l3e	3h9s 0.942091747
## 7130	4mji	3h9s 1.758337568
## 7131	4mnq	3h9s 0.884328173
## 7132	4ozf	3h9s 1.186296687
## 7133	4ozg	3h9s 3.280145799
## 7134	4ozh	3h9s 2.288492006
## 7135	4ozi	3h9s 3.229139856
## 7136	4prh	3h9s 0.920536235
## 7137	4pri	3h9s 0.962506839
## 7138	4prp	3h9s 0.946176664
## 7139	4qok	3h9s 0.754049896
## 7140	4qrp	3h9s 0.837297335
## 7141	4y19	3h9s 1.263740091
## 7142	4y1a	3h9s 0.933027462
## 7143	4z7u	3h9s 1.648386351
## 7144	4z7v	3h9s 1.307017999
## 7145	4z7w	3h9s 0.739305215
## 7146	5d2l	3h9s 0.974525511
## 7147	5d2n	3h9s 0.729629333
## 7148	1lp9	3h9s 0.756112140
## 7149	1ymm	3h9s 1.102368190
## 7150	2j8u	3h9s 0.757588220
## 7151	2jcc	3h9s 0.757927998
## 7152	2uwe	3h9s 0.756526791
## 7153	2wbj	3h9s 0.898174479
## 7154	3gjf	3h9s 0.835306734
## 7155	3hae	3h9s 1.085638483

## 7156	3nfj	3h9s 0.727450827
## 7157	3o6f	3h9s 0.742435466
## 7158	3p16	3h9s 0.852279067
## 7159	3t0e	3h9s 0.853387746
## 7160	4euq	3h9s 1.138439555
## 7161	4grl	3h9s 0.650578215
## 7162	4h1l	3h9s 1.338821359
## 7163	4may	3h9s 0.899796364
## 7164	4p4k	3h9s 0.646192601
## 7165	4qrr	3h9s 0.606976270
## 7166	4wuu	3h9s 0.953249692
## 7167	4zez	3h9s 1.292297953
## 7168	5brz	3h9s 2.254632305
## 7169	5bs0	3h9s 3.218013379
## 7170	5c07	3h9s 1.055220101
## 7171	5c08	3h9s 0.901713451
## 7172	5c09	3h9s 0.675809005
## 7173	5c0a	3h9s 1.459887198
## 7174	5c0b	3h9s 1.023336959
## 7175	5c0c	3h9s 1.381074461
## 7176	5e6i	3h9s 1.151882697
## 7177	5e9d	3h9s 0.882418450
## 7178	5eu6	3h9s 0.781830161
## 7179	5euo	3h9s 7.217452771
## 7180	5hhm	3h9s 1.209078271
## 7181	5hho	3h9s 1.083239895
## 7182	5hyj	3h9s 0.976249041
## 7183	5isz	3h9s 0.903207678
## 7184	5jhd	3h9s 1.106470752
## 7185	5jzi	3h9s 1.291678486
## 7186	5ks9	3h9s 1.221442594
## 7187	5ksa	3h9s 0.613855397
## 7188	5ksb	3h9s 0.763869622
## 7189	5men	3h9s 0.885083905
## 7190	5nht	3h9s 1.133871099
## 7191	5nme	3h9s 1.039802975
## 7192	5nmf	3h9s 0.886014530
## 7193	5nmg	3h9s 0.801768786
## 7194	5nqk	3h9s 1.140764574
## 7195	5tez	3h9s 3.669856127
## 7196	5w1v	3h9s 3.167874245
## 7197	5w1w	3h9s 3.304119993
## 7198	5wkf	3h9s 0.856075355
## 7199	5wkh	3h9s 0.542423345
## 7200	5xot	3h9s 0.978145033
## 7201	5xov	3h9s 0.727450827
## 7202	5yxn	3h9s 0.649421377
## 7203	5yxu	3h9s 0.847803132
## 7204	6am5	3h9s 0.950423186
## 7205	6amu	3h9s 0.932269849
## 7206	6avf	3h9s 1.738721896
## 7207	6avg	3h9s 0.970388648
## 7208	6bj2	3h9s 1.739821389
## 7209	6bj3	3h9s 1.103322058

## 7210	6bj8	3h9s 1.106706758
## 7211	6cql	3h9s 0.791527324
## 7212	6cqn	3h9s 2.796110193
## 7213	6cqq	3h9s 1.756909669
## 7214	6cqr	3h9s 0.832888862
## 7215	6d78	3h9s 0.943041934
## 7216	6dfx	3h9s 3.008054401
## 7217	6dkp	3h9s 0.935741809
## 7218	6dxs	3h9s 1.920305319
## 7219	6eqa	3h9s 0.504262349
## 7220	6eqb	3h9s 0.509443160
## 7221	6mtm	3h9s 0.690569053
## 7222	6p64	3h9s 2.744398786
## 7223	6px6	3h9s 0.771347667
## 7224	6py2	3h9s 0.777817422
## 7225	6q3s	3h9s 0.477337191
## 7226	6r2l	3h9s 0.982632086
## 7227	6rp9	3h9s 1.010198482
## 7228	6rpa	3h9s 0.812564043
## 7229	6rpb	3h9s 1.030898080
## 7230	6rsy	3h9s 0.684681199
## 7231	6tmo	3h9s 1.120699691
## 7232	6tro	3h9s 1.211412461
## 7233	6u3n	3h9s 0.705265873
## 7234	6u3o	3h9s 2.017025687
## 7235	6uon	3h9s 0.888379454
## 7236	6vm7	3h9s 0.841524576
## 7237	6vm8	3h9s 0.794431666
## 7238	6vma	3h9s 0.833151508
## 7239	6vmc	3h9s 0.959361873
## 7240	6vmx	3h9s 1.194910568
## 7241	6vqo	3h9s 0.717991865
## 7242	6vrm	3h9s 1.797187073
## 7243	6vrn	3h9s 0.581677925
## 7244	7n1e	3h9s 0.863760912
## 7245	7n1f	3h9s 0.652416509
## 7246	7n6e	3h9s 0.864558936
## 7247	6xc9	3h9s 1.113928619
## 7248	6xco	3h9s 0.980337191
## 7249	6xcp	3h9s 3.107655876
## 7250	6zkw	3h9s 0.826510747
## 7251	6zks	3h9s 0.558699371
## 7252	6zky	3h9s 0.826954268
## 7253	6zkz	3h9s 0.953072917
## 7254	7dzm	3h9s 1.258512917
## 7255	7dzn	3h9s 0.529677606
## 7256	7rm4	3h9s 1.196544410
## 7257	7rtr	3h9s 0.771049240
## 7258	7l1d	3h9s 0.698834190
## 7259	7sg0	3h9s 1.157831467
## 7260	7sg1	3h9s 1.161067864
## 7261	7sg2	3h9s 1.147670139
## 7262	7rrg	3h9s 0.694814950
## 7263	7n2s	3h9s 0.587171139

## 7264	7n2n	3h9s	0.599033511
## 7265	7n2o	3h9s	0.871051123
## 7266	7n2r	3h9s	1.141108985
## 7267	7n2p	3h9s	0.792639511
## 7268	7n2q	3h9s	0.961446495
## 7269	8cx4	3h9s	0.722401298
## 7270	8VCX	3h9s	2.603411302
## 7271	8VCY	3h9s	0.632851740
## 7272	8VD0	3h9s	0.793692560
## 7273	8VD2	3h9s	0.936502138
## 7274	6XCP	3h9s	3.107702315
## 7275	6XC0	3h9s	0.980279768
## 7276	6XC9	3h9s	1.114679863
## 7277	1ao7	3hg1	0.922976836
## 7278	1bd2	3hg1	0.816036660
## 7279	1fyt	3hg1	0.821175014
## 7280	1j8h	3hg1	0.938444291
## 7281	1mi5	3hg1	0.839590281
## 7282	1oga	3hg1	0.790200999
## 7283	1qrn	3hg1	1.029867936
## 7284	1qse	3hg1	0.950436971
## 7285	1qsf	3hg1	1.018687389
## 7286	1zgl	3hg1	1.060008133
## 7287	2ak4	3hg1	0.950644136
## 7288	2bnq	3hg1	0.685350307
## 7289	2bnr	3hg1	0.847303334
## 7290	2esv	3hg1	0.973815953
## 7291	2f53	3hg1	0.737533714
## 7292	2f54	3hg1	1.306453073
## 7293	2gj6	3hg1	0.954818262
## 7294	2iam	3hg1	3.295598933
## 7295	2ian	3hg1	0.877625502
## 7296	2nx5	3hg1	0.827606602
## 7297	2p5e	3hg1	0.743000460
## 7298	2p5w	3hg1	0.744173885
## 7299	2pye	3hg1	0.993165635
## 7300	2vlj	3hg1	0.986774379
## 7301	2vlk	3hg1	1.635714482
## 7302	2vlr	3hg1	0.857953351
## 7303	2xn9	3hg1	0.896705028
## 7304	2yp1	3hg1	0.832261181
## 7305	3d39	3hg1	0.502267933
## 7306	3d3v	3hg1	0.783276613
## 7307	3dxa	3hg1	1.136495411
## 7308	3ffc	3hg1	1.344855694
## 7309	3gsn	3hg1	0.528933219
## 7310	3h9s	3hg1	0.502411323
## 7311	3hg1	3hg1	0.000000000
## 7312	3kpr	3hg1	0.843867725
## 7313	3kps	3hg1	0.891481965
## 7314	3kxf	3hg1	0.899552885
## 7315	3mv7	3hg1	1.138291508
## 7316	3mv8	3hg1	0.864437013
## 7317	3mv9	3hg1	1.089821773

## 7318	3o4l	3hg1 0.882891656
## 7319	3pwp	3hg1 0.503161248
## 7320	3qdg	3hg1 0.994316256
## 7321	3qdj	3hg1 0.993846822
## 7322	3qdm	3hg1 1.754082143
## 7323	3qeq	3hg1 0.642815418
## 7324	3qfj	3hg1 0.472087687
## 7325	3sjv	3hg1 0.870271387
## 7326	3uts	3hg1 0.949463343
## 7327	3utt	3hg1 0.847087605
## 7328	3vxm	3hg1 0.949821133
## 7329	3vxr	3hg1 1.046509581
## 7330	3vxs	3hg1 1.103567378
## 7331	4c56	3hg1 0.709363815
## 7332	4e41	3hg1 4.000727849
## 7333	4eup	3hg1 0.881752588
## 7334	4ftv	3hg1 1.123748584
## 7335	4g8g	3hg1 1.426655654
## 7336	4g9f	3hg1 0.797140408
## 7337	4gg6	3hg1 1.321098004
## 7338	4jfd	3hg1 0.128951085
## 7339	4jfe	3hg1 0.131066684
## 7340	4jff	3hg1 0.131115848
## 7341	4jrx	3hg1 0.748121998
## 7342	4jry	3hg1 1.031274743
## 7343	4l3e	3hg1 1.119533892
## 7344	4mji	3hg1 1.895872011
## 7345	4mnq	3hg1 1.022852781
## 7346	4ozf	3hg1 1.168193634
## 7347	4ozg	3hg1 3.125277957
## 7348	4ozh	3hg1 2.197353137
## 7349	4ozi	3hg1 3.126748177
## 7350	4prh	3hg1 1.122806989
## 7351	4pri	3hg1 1.075441534
## 7352	4prp	3hg1 1.132429589
## 7353	4qok	3hg1 0.793506685
## 7354	4qrp	3hg1 0.888370852
## 7355	4y19	3hg1 1.466539504
## 7356	4y1a	3hg1 1.109410037
## 7357	4z7u	3hg1 1.614517040
## 7358	4z7v	3hg1 1.333652350
## 7359	4z7w	3hg1 0.781573072
## 7360	5d2l	3hg1 1.034998133
## 7361	5d2n	3hg1 0.667838756
## 7362	1lp9	3hg1 0.775661189
## 7363	1ymm	3hg1 1.412367137
## 7364	2j8u	3hg1 0.776243958
## 7365	2jcc	3hg1 0.776128388
## 7366	2uwe	3hg1 0.775264172
## 7367	2wbj	3hg1 0.937177931
## 7368	3gjf	3hg1 0.849042445
## 7369	3hae	3hg1 1.054405931
## 7370	3nfj	3hg1 0.745556234
## 7371	3o6f	3hg1 0.751750152

## 7372	3pl6	3hg1 1.082056252
## 7373	3t0e	3hg1 1.030056431
## 7374	4euq	3hg1 1.358044539
## 7375	4grl	3hg1 0.709437108
## 7376	4h1l	3hg1 1.433861737
## 7377	4may	3hg1 1.104844882
## 7378	4p4k	3hg1 0.676367627
## 7379	4qrr	3hg1 0.924920671
## 7380	4wuu	3hg1 0.979104674
## 7381	4zez	3hg1 1.392386477
## 7382	5brz	3hg1 1.928463520
## 7383	5bs0	3hg1 2.895481847
## 7384	5c07	3hg1 1.026353334
## 7385	5c08	3hg1 0.827508432
## 7386	5c09	3hg1 0.848161671
## 7387	5c0a	3hg1 1.436302638
## 7388	5c0b	3hg1 1.168878673
## 7389	5c0c	3hg1 1.289973742
## 7390	5e6i	3hg1 1.136254200
## 7391	5e9d	3hg1 0.815682230
## 7392	5eu6	3hg1 1.025080403
## 7393	5euo	3hg1 7.086645338
## 7394	5hhm	3hg1 1.193139088
## 7395	5hho	3hg1 1.195330754
## 7396	5hyj	3hg1 0.931507630
## 7397	5isz	3hg1 0.755112562
## 7398	5jhd	3hg1 1.082009695
## 7399	5jzi	3hg1 1.391877043
## 7400	5ks9	3hg1 1.379899565
## 7401	5ksa	3hg1 0.844654666
## 7402	5ksb	3hg1 0.859897169
## 7403	5men	3hg1 1.023453761
## 7404	5nht	3hg1 1.157910038
## 7405	5nme	3hg1 0.998267041
## 7406	5nmf	3hg1 0.742067671
## 7407	5nmg	3hg1 0.873448227
## 7408	5nqk	3hg1 1.166998206
## 7409	5tez	3hg1 3.371188032
## 7410	5w1v	3hg1 3.112443596
## 7411	5w1w	3hg1 3.291897218
## 7412	5wkf	3hg1 0.950485409
## 7413	5wkh	3hg1 0.648063187
## 7414	5xot	3hg1 1.148448856
## 7415	5xov	3hg1 0.745556234
## 7416	5yxn	3hg1 0.930931755
## 7417	5yxu	3hg1 0.790787777
## 7418	6am5	3hg1 1.129993722
## 7419	6amu	3hg1 1.123044593
## 7420	6avf	3hg1 1.812769390
## 7421	6avg	3hg1 1.101559837
## 7422	6bj2	3hg1 1.708857515
## 7423	6bj3	3hg1 1.264862745
## 7424	6bj8	3hg1 1.268604354
## 7425	6cql	3hg1 1.069805676

## 7426	6cqn	3hg1 2.847544123
## 7427	6cqq	3hg1 1.666296907
## 7428	6cqr	3hg1 0.893070415
## 7429	6d78	3hg1 1.130486071
## 7430	6dfx	3hg1 2.925506951
## 7431	6dkp	3hg1 1.117145356
## 7432	6dxg	3hg1 1.665254473
## 7433	6eqa	3hg1 0.028415683
## 7434	6eqb	3hg1 0.122450557
## 7435	6mtm	3hg1 0.931030280
## 7436	6p64	3hg1 2.647534652
## 7437	6px6	3hg1 0.902593814
## 7438	6py2	3hg1 0.821536578
## 7439	6q3s	3hg1 0.817708269
## 7440	6r2l	3hg1 1.029749121
## 7441	6rp9	3hg1 1.051666276
## 7442	6rpa	3hg1 0.915545841
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## 7445	6tmo	3hg1 1.102448300
## 7446	6tro	3hg1 1.173242719
## 7447	6u3n	3hg1 0.876139072
## 7448	6u3o	3hg1 1.949889561
## 7449	6uon	3hg1 0.869912869
## 7450	6vm7	3hg1 1.044129521
## 7451	6vm8	3hg1 0.992238463
## 7452	6vma	3hg1 0.924841010
## 7453	6vmc	3hg1 0.986940079
## 7454	6vmx	3hg1 1.284973647
## 7455	6vqo	3hg1 0.771949314
## 7456	6vrm	3hg1 1.529992582
## 7457	6vrn	3hg1 0.930252087
## 7458	7n1e	3hg1 0.834791125
## 7459	7n1f	3hg1 0.705981350
## 7460	7n6e	3hg1 0.852329446
## 7461	6xc9	3hg1 1.066397825
## 7462	6xco	3hg1 1.200703164
## 7463	6xcp	3hg1 3.024341337
## 7464	6zkw	3hg1 0.957049405
## 7465	6zky	3hg1 0.685417415
## 7466	6zky	3hg1 0.958272417
## 7467	6zkz	3hg1 1.106745741
## 7468	7dzm	3hg1 1.324966520
## 7469	7dzn	3hg1 0.622889188
## 7470	7rm4	3hg1 1.207604152
## 7471	7rtr	3hg1 0.620110526
## 7472	7l1d	3hg1 0.985421128
## 7473	7sg0	3hg1 1.123827116
## 7474	7sg1	3hg1 1.211392688
## 7475	7sg2	3hg1 1.197785694
## 7476	7rrg	3hg1 0.707648027
## 7477	7n2s	3hg1 0.622973319
## 7478	7n2n	3hg1 0.613374044
## 7479	7n2o	3hg1 0.752419996

## 7480	7n2r	3hg1 1.165630577
## 7481	7n2p	3hg1 0.899262287
## 7482	7n2q	3hg1 0.943027774
## 7483	8cx4	3hg1 0.708809621
## 7484	8VCX	3hg1 2.621610979
## 7485	8VCY	3hg1 0.694506890
## 7486	8VD0	3hg1 0.883407403
## 7487	8VD2	3hg1 1.049803691
## 7488	6XCP	3hg1 3.024602370
## 7489	6XC0	3hg1 1.201047604
## 7490	6XC9	3hg1 1.065288029
## 7491	1ao7	3kpr 1.171320908
## 7492	1bd2	3kpr 0.771697280
## 7493	1fyt	3kpr 0.976059664
## 7494	1j8h	3kpr 1.128337952
## 7495	1mi5	3kpr 1.055783018
## 7496	1oga	3kpr 0.955106213
## 7497	1qrn	3kpr 1.144855211
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## 7499	1qsf	3kpr 1.138758356
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## 7503	2bnr	3kpr 0.657465230
## 7504	2esv	3kpr 1.183962970
## 7505	2f53	3kpr 0.677460282
## 7506	2f54	3kpr 0.882987382
## 7507	2gj6	3kpr 1.125560644
## 7508	2iam	3kpr 2.343428406
## 7509	2ian	3kpr 0.676984303
## 7510	2nx5	3kpr 0.525693246
## 7511	2p5e	3kpr 0.670737094
## 7512	2p5w	3kpr 0.671931181
## 7513	2pye	3kpr 0.583655423
## 7514	2vlj	3kpr 0.736991065
## 7515	2vlk	3kpr 1.648891470
## 7516	2vlr	3kpr 0.637269497
## 7517	2xn9	3kpr 0.776204209
## 7518	2yp1	3kpr 0.715825624
## 7519	3d39	3kpr 0.850713497
## 7520	3d3v	3kpr 0.939206341
## 7521	3dxa	3kpr 0.733921227
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## 7526	3kpr	3kpr 0.000000000
## 7527	3kps	3kpr 0.672400306
## 7528	3kxf	3kpr 0.662921817
## 7529	3mv7	3kpr 0.962546089
## 7530	3mv8	3kpr 0.747811167
## 7531	3mv9	3kpr 1.125801130
## 7532	3o4l	3kpr 0.811567745
## 7533	3pwp	3kpr 0.851539676

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## 7535	3qdj	3kpr 0.935757057
## 7536	3qdm	3kpr 1.160095768
## 7537	3qeq	3kpr 0.715636955
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## 7541	3utt	3kpr 0.822393309
## 7542	3vxm	3kpr 0.564953791
## 7543	3vxr	3kpr 0.934838813
## 7544	3vxs	3kpr 0.565656517
## 7545	4c56	3kpr 0.567418859
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## 7556	4jry	3kpr 0.806396914
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## 7580	2uwe	3kpr 0.639754317
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## 7605	5e9d	3kpr 0.553747351
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## 7609	5hho	3kpr 0.542748776
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## 7623	5tez	3kpr 2.269220683
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## 7651	6px6	3kpr 0.826294890
## 7652	6py2	3kpr 0.864133937
## 7653	6q3s	3kpr 0.931495122
## 7654	6r2l	3kpr 0.845969997
## 7655	6rp9	3kpr 0.748127538
## 7656	6rpa	3kpr 0.774925101
## 7657	6rpb	3kpr 0.706577155
## 7658	6rsy	3kpr 0.603926708
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## 7662	6u3o	3kpr 1.242872282
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## 7665	6vm8	3kpr 0.707152046
## 7666	6vma	3kpr 0.947289989
## 7667	6vmc	3kpr 1.232068424
## 7668	6vmx	3kpr 0.674354921
## 7669	6vqo	3kpr 0.684258320
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## 7676	6xco	3kpr 0.928318133
## 7677	6xcp	3kpr 2.102445009
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## 7691	7n2s	3kpr 0.771542276
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## 7700	8VD0	3kpr 0.702705209
## 7701	8VD2	3kpr 0.982814506
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## 7708	1j8h	3kps 1.451655382
## 7709	1mi5	3kps 1.170049733
## 7710	1oga	3kps 0.702522293
## 7711	1qrn	3kps 1.333956738
## 7712	1qse	3kps 1.494051228
## 7713	1qsf	3kps 1.322222389
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## 7716	2bnq	3kps 1.037143300
## 7717	2bnr	3kps 0.895279075
## 7718	2esv	3kps 1.165977096
## 7719	2f53	3kps 0.466706744
## 7720	2f54	3kps 1.439169163
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## 7722	2iam	3kps 3.463815497
## 7723	2ian	3kps 0.811491614
## 7724	2nx5	3kps 0.734190479
## 7725	2p5e	3kps 0.461976042
## 7726	2p5w	3kps 0.464615682
## 7727	2pye	3kps 0.328057433
## 7728	2vlj	3kps 0.941197679
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## 7732	2yp1	3kps 0.930160267
## 7733	3d39	3kps 0.866281779
## 7734	3d3v	3kps 0.687551188
## 7735	3dxa	3kps 1.020101140
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## 7748	3qdg	3kps 1.474077914
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## 7759	4c56	3kps 0.697257926
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## 7776	4ozh	3kps 2.276005402
## 7777	4ozi	3kps 3.402514784
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## 7779	4pri	3kps 0.847783420
## 7780	4prp	3kps 0.764934416
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## 7782	4qrp	3kps 0.713866578
## 7783	4y19	3kps 0.976410181
## 7784	4y1a	3kps 0.746742505
## 7785	4z7u	3kps 1.766121320
## 7786	4z7v	3kps 1.375430084
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## 7792	2j8u	3kps 0.734805760
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## 7887	7n1f	3kps 0.819516091
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## 7903	7sg2	3kps 0.985840007
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## 7914	8VD0	3kps 0.752872203
## 7915	8VD2	3kps 0.985973554
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## 7917	6XC0	3kps 0.863663065
## 7918	6XC9	3kps 0.882830494
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## 7920	1bd2	3kxf 0.853690267
## 7921	1fyt	3kxf 0.839619287
## 7922	1j8h	3kxf 1.015483159
## 7923	1mi5	3kxf 0.877371827
## 7924	1oga	3kxf 0.756421066
## 7925	1qrn	3kxf 0.940194832
## 7926	1qse	3kxf 1.062867860
## 7927	1qsf	3kxf 0.937503597
## 7928	1zgl	3kxf 0.613407521
## 7929	2ak4	3kxf 0.457992106
## 7930	2bnq	3kxf 0.922756218
## 7931	2bnr	3kxf 0.901836141
## 7932	2esv	3kxf 0.854137312
## 7933	2f53	3kxf 0.804799575
## 7934	2f54	3kxf 0.941718356
## 7935	2gj6	3kxf 0.987282190
## 7936	2iam	3kxf 1.896553042
## 7937	2ian	3kxf 0.538541348
## 7938	2nx5	3kxf 0.435332033
## 7939	2p5e	3kxf 0.804542070
## 7940	2p5w	3kxf 0.805723349
## 7941	2pye	3kxf 0.806960706
## 7942	2vlj	3kxf 0.974150444
## 7943	2vlk	3kxf 1.167539706
## 7944	2vlr	3kxf 0.704391379
## 7945	2xn9	3kxf 0.852442992
## 7946	2yp1	3kxf 0.937581708
## 7947	3d39	3kxf 0.845877539
## 7948	3d3v	3kxf 0.772570646
## 7949	3dxa	3kxf 0.649106535
## 7950	3ffc	3kxf 0.705914678
## 7951	3gsn	3kxf 0.891655201
## 7952	3h9s	3kxf 0.845258778
## 7953	3hg1	3kxf 0.899552885
## 7954	3kpr	3kxf 0.662921817
## 7955	3kps	3kxf 0.776819807
## 7956	3kxf	3kxf 0.000000000
## 7957	3mv7	3kxf 0.764444889
## 7958	3mv8	3kxf 0.934135845
## 7959	3mv9	3kxf 0.820871022
## 7960	3o41	3kxf 0.956359501
## 7961	3pwp	3kxf 0.846036749
## 7962	3qdg	3kxf 1.105385350
## 7963	3qdj	3kxf 1.105602556
## 7964	3qdm	3kxf 1.410704247
## 7965	3qeq	3kxf 0.961783465

## 7966	3qfj	3kxf 0.934546663
## 7967	3sjv	3kxf 0.513011869
## 7968	3uts	3kxf 0.824208440
## 7969	3utt	3kxf 0.620068110
## 7970	3vxm	3kxf 0.844813597
## 7971	3vxr	3kxf 0.813848575
## 7972	3vxs	3kxf 0.826084208
## 7973	4c56	3kxf 0.594585346
## 7974	4e41	3kxf 2.107956005
## 7975	4eup	3kxf 0.637308371
## 7976	4ftv	3kxf 0.777814635
## 7977	4g8g	3kxf 0.784006997
## 7978	4g9f	3kxf 0.844516357
## 7979	4gg6	3kxf 0.773018514
## 7980	4jfd	3kxf 0.901567986
## 7981	4jfe	3kxf 0.901021826
## 7982	4jff	3kxf 0.900589202
## 7983	4jrx	3kxf 0.807954074
## 7984	4jry	3kxf 0.834481523
## 7985	4l3e	3kxf 0.845659099
## 7986	4mji	3kxf 0.923974861
## 7987	4mnq	3kxf 0.776497932
## 7988	4ozf	3kxf 1.066990499
## 7989	4ozg	3kxf 1.704126651
## 7990	4ozh	3kxf 1.243436137
## 7991	4ozi	3kxf 1.661594087
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## 7993	4pri	3kxf 0.855330300
## 7994	4prp	3kxf 0.772845084
## 7995	4qok	3kxf 0.917397577
## 7996	4qrp	3kxf 0.561984327
## 7997	4y19	3kxf 0.850331303
## 7998	4y1a	3kxf 0.784950761
## 7999	4z7u	3kxf 0.879242047
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## 8001	4z7w	3kxf 0.575207818
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## 8003	5d2n	3kxf 0.628510756
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## 8007	2jcc	3kxf 0.618877315
## 8008	2uwe	3kxf 0.618404159
## 8009	2wbj	3kxf 0.694787398
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## 8011	3hae	3kxf 0.568854296
## 8012	3nfj	3kxf 0.606235850
## 8013	3o6f	3kxf 0.565960405
## 8014	3pl6	3kxf 0.911442936
## 8015	3t0e	3kxf 0.698114275
## 8016	4euq	3kxf 0.700535356
## 8017	4grl	3kxf 0.925182586
## 8018	4h1l	3kxf 0.922311568
## 8019	4may	3kxf 0.792656001

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## 8021	4qrr	3kxf 0.823313453
## 8022	4wuu	3kxf 0.915962903
## 8023	4zez	3kxf 0.822440376
## 8024	5brz	3kxf 1.501917639
## 8025	5bs0	3kxf 1.925370384
## 8026	5c07	3kxf 0.819277954
## 8027	5c08	3kxf 0.749918825
## 8028	5c09	3kxf 0.622365668
## 8029	5c0a	3kxf 0.876826577
## 8030	5c0b	3kxf 0.655348136
## 8031	5c0c	3kxf 0.939628180
## 8032	5e6i	3kxf 0.703660102
## 8033	5e9d	3kxf 0.689913992
## 8034	5eu6	3kxf 0.889356124
## 8035	5euo	3kxf 3.582014037
## 8036	5hhm	3kxf 0.794345581
## 8037	5hho	3kxf 0.912771497
## 8038	5hyj	3kxf 0.791092120
## 8039	5isz	3kxf 1.005620318
## 8040	5jhd	3kxf 0.826176844
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## 8043	5ksa	3kxf 0.848194537
## 8044	5ksb	3kxf 0.652008724
## 8045	5men	3kxf 0.776367063
## 8046	5nht	3kxf 0.947689367
## 8047	5nme	3kxf 0.786975758
## 8048	5nmf	3kxf 0.811747011
## 8049	5nmg	3kxf 0.668757885
## 8050	5nqk	3kxf 0.947541852
## 8051	5tez	3kxf 2.098474368
## 8052	5w1v	3kxf 1.497568267
## 8053	5w1w	3kxf 1.604572248
## 8054	5wkf	3kxf 0.614215221
## 8055	5wkh	3kxf 0.640476492
## 8056	5xot	3kxf 0.789386731
## 8057	5xov	3kxf 0.606235850
## 8058	5yxn	3kxf 0.834478948
## 8059	5yxu	3kxf 0.664267759
## 8060	6am5	3kxf 0.849530223
## 8061	6amu	3kxf 0.867028393
## 8062	6avf	3kxf 1.230039417
## 8063	6avg	3kxf 0.661909981
## 8064	6bj2	3kxf 1.081722966
## 8065	6bj3	3kxf 0.868398655
## 8066	6bj8	3kxf 0.870407207
## 8067	6cql	3kxf 0.880944478
## 8068	6cqn	3kxf 1.719043055
## 8069	6cqq	3kxf 1.096278326
## 8070	6cqr	3kxf 0.702810712
## 8071	6d78	3kxf 0.851095937
## 8072	6dfx	3kxf 1.620693103
## 8073	6dkp	3kxf 0.848205842

## 8074	6dxf	3kxf 1.382505099
## 8075	6eqa	3kxf 0.901036689
## 8076	6eqb	3kxf 0.902242776
## 8077	6mtm	3kxf 0.842984529
## 8078	6p64	3kxf 1.447632081
## 8079	6px6	3kxf 0.776308866
## 8080	6py2	3kxf 0.884082562
## 8081	6q3s	3kxf 0.846560982
## 8082	6r2l	3kxf 0.924149296
## 8083	6rp9	3kxf 0.583548512
## 8084	6rpa	3kxf 0.815201604
## 8085	6rpb	3kxf 0.653562104
## 8086	6rsy	3kxf 0.658770408
## 8087	6tmo	3kxf 0.951005200
## 8088	6tro	3kxf 0.969920717
## 8089	6u3n	3kxf 0.814866715
## 8090	6u3o	3kxf 1.082193251
## 8091	6uon	3kxf 0.754024982
## 8092	6vm7	3kxf 0.806265555
## 8093	6vm8	3kxf 0.833065604
## 8094	6vma	3kxf 0.826053714
## 8095	6vmc	3kxf 0.941579584
## 8096	6vmx	3kxf 0.753424825
## 8097	6vqo	3kxf 0.602671676
## 8098	6vrm	3kxf 1.292569358
## 8099	6vrn	3kxf 0.846511352
## 8100	7n1e	3kxf 0.901412159
## 8101	7n1f	3kxf 0.829041753
## 8102	7n6e	3kxf 0.668357311
## 8103	6xc9	3kxf 0.755031495
## 8104	6xco	3kxf 0.844734320
## 8105	6xcp	3kxf 1.865615968
## 8106	6zkw	3kxf 0.791652908
## 8107	6zky	3kxf 0.824046883
## 8108	6zky	3kxf 0.791715004
## 8109	6zkz	3kxf 0.795589452
## 8110	7dzm	3kxf 1.019633246
## 8111	7dzn	3kxf 0.839010476
## 8112	7rm4	3kxf 0.661118249
## 8113	7rtr	3kxf 0.874471621
## 8114	7l1d	3kxf 0.824069109
## 8115	7sg0	3kxf 0.957209455
## 8116	7sg1	3kxf 0.685349158
## 8117	7sg2	3kxf 0.680877157
## 8118	7rrg	3kxf 0.880717775
## 8119	7n2s	3kxf 0.890213510
## 8120	7n2n	3kxf 0.884037537
## 8121	7n2o	3kxf 0.867807569
## 8122	7n2r	3kxf 0.846088236
## 8123	7n2p	3kxf 0.913005522
## 8124	7n2q	3kxf 0.697273063
## 8125	8cx4	3kxf 0.807586629
## 8126	8VCX	3kxf 1.414716401
## 8127	8VCY	3kxf 0.927791444

## 8128	8VD0	3kxf 0.555787012
## 8129	8VD2	3kxf 0.817799914
## 8130	6XCP	3kxf 1.865586465
## 8131	6XC0	3kxf 0.845217876
## 8132	6XC9	3kxf 0.755324052
## 8133	1ao7	3mv7 1.266301830
## 8134	1bd2	3mv7 1.132708642
## 8135	1fyf	3mv7 1.063244930
## 8136	1j8h	3mv7 1.457959755
## 8137	1mi5	3mv7 1.097280636
## 8138	1oga	3mv7 0.562401743
## 8139	1qrn	3mv7 1.303998219
## 8140	1qse	3mv7 1.429698577
## 8141	1qsf	3mv7 1.298730080
## 8142	1zgl	3mv7 0.946132808
## 8143	2ak4	3mv7 0.864369339
## 8144	2bnq	3mv7 1.016156849
## 8145	2bnr	3mv7 0.981962577
## 8146	2esv	3mv7 1.040274195
## 8147	2f53	3mv7 0.887166949
## 8148	2f54	3mv7 1.629896768
## 8149	2gj6	3mv7 1.284564467
## 8150	2iam	3mv7 3.751284032
## 8151	2ian	3mv7 0.790251179
## 8152	2nx5	3mv7 0.815462518
## 8153	2p5e	3mv7 0.888633331
## 8154	2p5w	3mv7 0.891308885
## 8155	2pye	3mv7 0.949521563
## 8156	2vlj	3mv7 1.385078872
## 8157	2vlk	3mv7 1.894174498
## 8158	2vlr	3mv7 1.138587333
## 8159	2xn9	3mv7 0.816110218
## 8160	2ypl	3mv7 1.080974669
## 8161	3d39	3mv7 1.007695122
## 8162	3d3v	3mv7 0.535315778
## 8163	3dxa	3mv7 1.208051549
## 8164	3ffc	3mv7 1.122827820
## 8165	3gsn	3mv7 1.085122849
## 8166	3h9s	3mv7 1.007889857
## 8167	3hg1	3mv7 1.138291508
## 8168	3kpr	3mv7 0.962546089
## 8169	3kps	3mv7 0.805611441
## 8170	3kxf	3mv7 0.764444889
## 8171	3mv7	3mv7 0.000000000
## 8172	3mv8	3mv7 1.422041448
## 8173	3mv9	3mv7 0.521561046
## 8174	3o4l	3mv7 1.521512296
## 8175	3pwp	3mv7 1.007571428
## 8176	3qdg	3mv7 1.568527540
## 8177	3qdj	3mv7 1.568705419
## 8178	3qdm	3mv7 2.366992411
## 8179	3qeq	3mv7 1.308953155
## 8180	3qfj	3mv7 1.232873723
## 8181	3sjv	3mv7 1.018092248

## 8182	3uts	3mv7 1.341114825
## 8183	3utt	3mv7 0.692526650
## 8184	3vxm	3mv7 1.007662269
## 8185	3vxr	3mv7 0.970056886
## 8186	3vxs	3mv7 0.888933502
## 8187	4c56	3mv7 0.736042225
## 8188	4e41	3mv7 4.194138081
## 8189	4eup	3mv7 0.818304943
## 8190	4ftv	3mv7 0.879811866
## 8191	4g8g	3mv7 0.929406755
## 8192	4g9f	3mv7 0.907184317
## 8193	4gg6	3mv7 1.288882739
## 8194	4jfd	3mv7 1.145065125
## 8195	4jfe	3mv7 1.144773341
## 8196	4jff	3mv7 1.143773175
## 8197	4jrx	3mv7 0.937327497
## 8198	4jry	3mv7 0.815759822
## 8199	4l3e	3mv7 0.843999069
## 8200	4mji	3mv7 1.601062754
## 8201	4mnq	3mv7 0.719311821
## 8202	4ozf	3mv7 1.630476369
## 8203	4ozg	3mv7 3.449990818
## 8204	4ozh	3mv7 2.402163179
## 8205	4ozi	3mv7 3.363857156
## 8206	4prh	3mv7 0.727139218
## 8207	4pri	3mv7 1.314034855
## 8208	4prp	3mv7 0.724874714
## 8209	4qok	3mv7 1.259492113
## 8210	4qrp	3mv7 0.565746458
## 8211	4y19	3mv7 0.911730607
## 8212	4y1a	3mv7 0.750925370
## 8213	4z7u	3mv7 1.779336849
## 8214	4z7v	3mv7 1.641896539
## 8215	4z7w	3mv7 0.783889636
## 8216	5d2l	3mv7 1.025591393
## 8217	5d2n	3mv7 0.718823464
## 8218	1lp9	3mv7 0.897974974
## 8219	1ymm	3mv7 1.274869476
## 8220	2j8u	3mv7 0.897544472
## 8221	2jcc	3mv7 0.899307489
## 8222	2uwe	3mv7 0.897623252
## 8223	2wbj	3mv7 1.166671093
## 8224	3gjf	3mv7 0.990768260
## 8225	3hae	3mv7 1.162936621
## 8226	3nfj	3mv7 0.948093932
## 8227	3o6f	3mv7 0.623225671
## 8228	3p16	3mv7 1.253191519
## 8229	3t0e	3mv7 1.158676969
## 8230	4euq	3mv7 1.068187611
## 8231	4grl	3mv7 1.253053204
## 8232	4h1l	3mv7 1.584027547
## 8233	4may	3mv7 1.044156392
## 8234	4p4k	3mv7 1.035129259
## 8235	4qrr	3mv7 1.158779068

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## 8238	5brz	3mv7 2.576450926
## 8239	5bs0	3mv7 3.503750114
## 8240	5c07	3mv7 1.376217029
## 8241	5c08	3mv7 0.996952310
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## 8245	5c0c	3mv7 1.536462433
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## 8247	5e9d	3mv7 0.786392071
## 8248	5eu6	3mv7 1.190674734
## 8249	5euo	3mv7 7.364461771
## 8250	5hhm	3mv7 1.353488082
## 8251	5hho	3mv7 1.248354918
## 8252	5hyj	3mv7 1.228089726
## 8253	5isz	3mv7 1.242233834
## 8254	5jhd	3mv7 1.494618076
## 8255	5jzi	3mv7 1.406977456
## 8256	5ks9	3mv7 1.083553613
## 8257	5ksa	3mv7 1.012569958
## 8258	5ksb	3mv7 0.842436781
## 8259	5men	3mv7 0.715985666
## 8260	5nht	3mv7 1.149578411
## 8261	5nme	3mv7 1.331293231
## 8262	5nmf	3mv7 1.331359536
## 8263	5nmg	3mv7 1.039230177
## 8264	5nqk	3mv7 1.145453608
## 8265	5tez	3mv7 3.857201716
## 8266	5w1v	3mv7 3.296520168
## 8267	5w1w	3mv7 3.471577202
## 8268	5wkf	3mv7 0.751454648
## 8269	5wkh	3mv7 0.915581809
## 8270	5xot	3mv7 0.998876629
## 8271	5xov	3mv7 0.948093932
## 8272	5yxn	3mv7 0.921542155
## 8273	5yxu	3mv7 0.819935736
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## 8276	6avf	3mv7 1.974303011
## 8277	6avg	3mv7 0.743862838
## 8278	6bj2	3mv7 1.728984857
## 8279	6bj3	3mv7 1.349693834
## 8280	6bj8	3mv7 1.352895385
## 8281	6cql	3mv7 1.282596158
## 8282	6cqn	3mv7 3.405387621
## 8283	6cqq	3mv7 1.889516268
## 8284	6cqr	3mv7 1.093011497
## 8285	6d78	3mv7 0.856142823
## 8286	6dfx	3mv7 3.191864498
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## 8290	6eqb	3mv7 1.146840789
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## 8293	6px6	3mv7 0.746129126
## 8294	6py2	3mv7 1.279542465
## 8295	6q3s	3mv7 0.961290164
## 8296	6r2l	3mv7 1.306208926
## 8297	6rp9	3mv7 1.090933527
## 8298	6rpa	3mv7 0.681376039
## 8299	6rpb	3mv7 1.187355087
## 8300	6rsy	3mv7 0.792017618
## 8301	6tmo	3mv7 1.322377532
## 8302	6tro	3mv7 1.247345108
## 8303	6u3n	3mv7 1.126753447
## 8304	6u3o	3mv7 2.069108165
## 8305	6uon	3mv7 1.139043884
## 8306	6vm7	3mv7 0.881848179
## 8307	6vm8	3mv7 0.931488908
## 8308	6vma	3mv7 0.751951476
## 8309	6vmc	3mv7 1.313531039
## 8310	6vmx	3mv7 1.039326384
## 8311	6vqo	3mv7 0.725533564
## 8312	6vrm	3mv7 2.221804943
## 8313	6vrn	3mv7 0.954061585
## 8314	7n1e	3mv7 1.325752983
## 8315	7n1f	3mv7 0.933166565
## 8316	7n6e	3mv7 0.903880578
## 8317	6xc9	3mv7 1.179584615
## 8318	6xco	3mv7 1.238194361
## 8319	6xcp	3mv7 3.657965452
## 8320	6zkw	3mv7 0.855362539
## 8321	6zkk	3mv7 0.884149901
## 8322	6zky	3mv7 0.857456835
## 8323	6zkz	3mv7 0.574697464
## 8324	7dzm	3mv7 1.779013704
## 8325	7dzn	3mv7 1.088426459
## 8326	7rm4	3mv7 1.218829249
## 8327	7rtr	3mv7 1.008551268
## 8328	7l1d	3mv7 0.727961459
## 8329	7sg0	3mv7 0.978491587
## 8330	7sg1	3mv7 1.263348523
## 8331	7sg2	3mv7 1.241279836
## 8332	7rrg	3mv7 0.951033874
## 8333	7n2s	3mv7 1.029694430
## 8334	7n2n	3mv7 1.012004371
## 8335	7n2o	3mv7 1.064216626
## 8336	7n2r	3mv7 1.042529611
## 8337	7n2p	3mv7 1.177151118
## 8338	7n2q	3mv7 1.090030302
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## 8341	8VCY	3mv7 1.244104689
## 8342	8VD0	3mv7 0.835141846
## 8343	8VD2	3mv7 0.706160763

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## 8345	6XC0	3mv7 1.238128547
## 8346	6XC9	3mv7 1.179233741
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## 8348	1bd2	3mv8 0.773738475
## 8349	1fyt	3mv8 0.972047699
## 8350	1j8h	3mv8 1.118499019
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## 8354	1qse	3mv8 1.361064187
## 8355	1qsf	3mv8 1.228701120
## 8356	1zgl	3mv8 1.171584714
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## 8359	2bnr	3mv8 1.044590072
## 8360	2esv	3mv8 1.289842807
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## 8363	2gj6	3mv8 1.211821193
## 8364	2iam	3mv8 2.802010308
## 8365	2ian	3mv8 0.909186148
## 8366	2nx5	3mv8 0.853180996
## 8367	2p5e	3mv8 0.924987740
## 8368	2p5w	3mv8 0.927480990
## 8369	2pye	3mv8 0.983988256
## 8370	2vlj	3mv8 1.243891475
## 8371	2vlk	3mv8 1.833273226
## 8372	2vlr	3mv8 0.866549624
## 8373	2xn9	3mv8 0.997166615
## 8374	2ypl	3mv8 1.151946227
## 8375	3d39	3mv8 0.712036949
## 8376	3d3v	3mv8 1.179292588
## 8377	3dxa	3mv8 1.030554038
## 8378	3ffc	3mv8 1.142221413
## 8379	3gsn	3mv8 0.854794047
## 8380	3h9s	3mv8 0.710371400
## 8381	3hg1	3mv8 0.864437013
## 8382	3kpr	3mv8 0.747811167
## 8383	3kps	3mv8 1.049515920
## 8384	3kxf	3mv8 0.934135845
## 8385	3mv7	3mv8 1.422041448
## 8386	3mv8	3mv8 0.000000000
## 8387	3mv9	3mv8 1.510340914
## 8388	3o4l	3mv8 0.456714994
## 8389	3pwp	3mv8 0.713178322
## 8390	3qdg	3mv8 1.322693292
## 8391	3qdj	3mv8 1.322332578
## 8392	3qdm	3mv8 1.896098791
## 8393	3qeq	3mv8 0.756580860
## 8394	3qfj	3mv8 0.832393379
## 8395	3sjv	3mv8 0.976664383
## 8396	3uts	3mv8 0.968768174
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## 8403	4eup	3mv8 0.973145517
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## 8405	4g8g	3mv8 1.343023530
## 8406	4g9f	3mv8 0.801530722
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## 8408	4jfd	3mv8 0.869572336
## 8409	4jfe	3mv8 0.867186930
## 8410	4jff	3mv8 0.865356868
## 8411	4jrx	3mv8 0.882693868
## 8412	4jry	3mv8 1.308573163
## 8413	4l3e	3mv8 1.072262951
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## 8415	4mnq	3mv8 1.133754082
## 8416	4ozf	3mv8 1.075339973
## 8417	4ozg	3mv8 3.320769358
## 8418	4ozh	3mv8 2.315620070
## 8419	4ozi	3mv8 3.291880803
## 8420	4prh	3mv8 1.040980238
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## 8422	4prp	3mv8 1.028361741
## 8423	4qok	3mv8 0.823418630
## 8424	4qrp	3mv8 1.085801519
## 8425	4y19	3mv8 1.601325026
## 8426	4y1a	3mv8 1.085962092
## 8427	4z7u	3mv8 1.658667266
## 8428	4z7v	3mv8 1.066915041
## 8429	4z7w	3mv8 0.835488415
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## 8431	5d2n	3mv8 0.856502691
## 8432	1lp9	3mv8 0.669230435
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## 8435	2jcc	3mv8 0.671615213
## 8436	2uwe	3mv8 0.670105621
## 8437	2wbj	3mv8 0.922772311
## 8438	3gjf	3mv8 0.881821024
## 8439	3hae	3mv8 1.093137669
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## 8451	4zez	3mv8 1.177257551

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## 8458	5c0b	3mv8 0.981165084
## 8459	5c0c	3mv8 1.424474039
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## 8461	5e9d	3mv8 1.048167803
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## 8465	5hho	3mv8 0.856270967
## 8466	5hyj	3mv8 1.015284343
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## 8471	5ksa	3mv8 0.831775955
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## 8475	5nme	3mv8 1.106143871
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## 8477	5nmg	3mv8 0.735600666
## 8478	5nqk	3mv8 1.204031868
## 8479	5tez	3mv8 3.627337601
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## 8486	5yxn	3mv8 0.853349245
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## 8494	6bj8	3mv8 0.909624727
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## 8496	6cqn	3mv8 2.311993931
## 8497	6cqq	3mv8 1.798375319
## 8498	6cqr	3mv8 0.723013062
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## 8504	6eqb	3mv8 0.865125501
## 8505	6mtm	3mv8 0.856853696

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## 8513	6rpb	3mv8 0.997650821
## 8514	6rsy	3mv8 0.908256301
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## 8516	6tro	3mv8 1.503557738
## 8517	6u3n	3mv8 0.573152019
## 8518	6u3o	3mv8 1.991470251
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## 8520	6vm7	3mv8 0.892238941
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## 8523	6vmc	3mv8 1.339644803
## 8524	6vmx	3mv8 1.195974928
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## 8526	6vrm	3mv8 1.684013703
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## 8530	7n6e	3mv8 0.896560369
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## 8541	7rtr	3mv8 0.994820853
## 8542	7l1d	3mv8 1.155858738
## 8543	7sg0	3mv8 1.691836715
## 8544	7sg1	3mv8 1.099876138
## 8545	7sg2	3mv8 1.097327717
## 8546	7rrg	3mv8 0.934081627
## 8547	7n2s	3mv8 0.805837805
## 8548	7n2n	3mv8 0.833578675
## 8549	7n2o	3mv8 1.028280113
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## 8552	7n2q	3mv8 0.983543066
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## 8555	8VCY	3mv8 0.511742926
## 8556	8VD0	3mv8 0.800125153
## 8557	8VD2	3mv8 1.220877715
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## 8559	6XC0	3mv8 0.896493095

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## 8565	1mi5	3mv9 1.031141670
## 8566	1oga	3mv9 0.661399939
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## 8574	2esv	3mv9 0.739468885
## 8575	2f53	3mv9 0.980013225
## 8576	2f54	3mv9 1.652375042
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## 8581	2p5e	3mv9 0.988303715
## 8582	2p5w	3mv9 0.989945388
## 8583	2pye	3mv9 1.235609135
## 8584	2vlj	3mv9 1.561788778
## 8585	2vlk	3mv9 1.481520422
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## 8588	2ypl	3mv9 1.271943316
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## 8590	3d3v	3mv9 0.576833481
## 8591	3dxa	3mv9 1.329705101
## 8592	3ffc	3mv9 1.243675835
## 8593	3gsn	3mv9 1.177665437
## 8594	3h9s	3mv9 1.034918816
## 8595	3hg1	3mv9 1.089821773
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## 8623	4jfe	3mv9 1.094445419
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## 8627	4l3e	3mv9 1.178800943
## 8628	4mji	3mv9 1.589184247
## 8629	4mnq	3mv9 0.668613002
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## 8683	5jzi	3mv9 1.578929134
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## 8686	5ksb	3mv9 1.031199823
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## 8715	6dkp	3mv9 1.191073276
## 8716	6dxf	3mv9 2.048199651
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## 8764	7n2r	3mv9 1.316153158
## 8765	7n2p	3mv9 1.456667401
## 8766	7n2q	3mv9 1.199991347
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## 8773	6XC0	3mv9 1.473703754
## 8774	6XC9	3mv9 1.351834946
## 8775	1ao7	3o4l 1.152809893

## 8776	1bd2	3o4l 0.767589538
## 8777	1fyt	3o4l 0.920947461
## 8778	1j8h	3o4l 1.099622890
## 8779	1mi5	3o4l 1.028095533
## 8780	1oga	3o4l 1.244207689
## 8781	1qrn	3o4l 1.090935399
## 8782	1qse	3o4l 1.327971658
## 8783	1qsf	3o4l 1.082076692
## 8784	1zgl	3o4l 1.208497596
## 8785	2ak4	3o4l 0.887397128
## 8786	2bnq	3o4l 1.154011799
## 8787	2bnr	3o4l 1.185958236
## 8788	2esv	3o4l 1.225813244
## 8789	2f53	3o4l 0.883884738
## 8790	2f54	3o4l 1.237657263
## 8791	2gj6	3o4l 1.209211430
## 8792	2iam	3o4l 2.724004278
## 8793	2ian	3o4l 0.962286066
## 8794	2nx5	3o4l 0.847434746
## 8795	2p5e	3o4l 0.880030244
## 8796	2p5w	3o4l 0.881190980
## 8797	2pye	3o4l 1.009613055
## 8798	2vlj	3o4l 1.256079961
## 8799	2vlk	3o4l 1.704953857
## 8800	2vlr	3o4l 0.817255982
## 8801	2xn9	3o4l 1.077742672
## 8802	2yp1	3o4l 1.305102104
## 8803	3d39	3o4l 0.904293168
## 8804	3d3v	3o4l 1.250976190
## 8805	3dxa	3o4l 1.039923558
## 8806	3ffc	3o4l 1.220930291
## 8807	3gsn	3o4l 0.986852391
## 8808	3h9s	3o4l 0.902652014
## 8809	3hg1	3o4l 0.882891656
## 8810	3kpr	3o4l 0.811567745
## 8811	3kps	3o4l 1.102008429
## 8812	3kxf	3o4l 0.956359501
## 8813	3mv7	3o4l 1.521512296
## 8814	3mv8	3o4l 0.456714994
## 8815	3mv9	3o4l 1.551177279
## 8816	3o4l	3o4l 0.000000000
## 8817	3pwp	3o4l 0.905773673
## 8818	3qdg	3o4l 1.281491934
## 8819	3qdj	3o4l 1.280493007
## 8820	3qdm	3o4l 1.848320006
## 8821	3qeq	3o4l 0.903842294
## 8822	3qfj	3o4l 0.945124073
## 8823	3sjv	3o4l 0.953327248
## 8824	3uts	3o4l 0.900594547
## 8825	3utt	3o4l 1.066272604
## 8826	3vxm	3o4l 0.950044016
## 8827	3vxr	3o4l 1.218421245
## 8828	3vxs	3o4l 1.219071860
## 8829	4c56	3o4l 0.848466347

## 8830	4e41	3o4l 4.123876555
## 8831	4eup	3o4l 1.016217721
## 8832	4ftv	3o4l 1.023021044
## 8833	4g8g	3o4l 1.496621167
## 8834	4g9f	3o4l 0.963312257
## 8835	4gg6	3o4l 1.143311298
## 8836	4jfd	3o4l 0.886382832
## 8837	4jfe	3o4l 0.885097933
## 8838	4jff	3o4l 0.884062699
## 8839	4jrx	3o4l 0.888056176
## 8840	4jry	3o4l 1.456693850
## 8841	4l3e	3o4l 1.279371202
## 8842	4mji	3o4l 1.986009014
## 8843	4mnq	3o4l 1.163903444
## 8844	4ozf	3o4l 1.205321130
## 8845	4ozg	3o4l 3.227614349
## 8846	4ozh	3o4l 2.327450886
## 8847	4ozi	3o4l 3.213975210
## 8848	4prh	3o4l 1.147919727
## 8849	4pri	3o4l 0.673039753
## 8850	4prp	3o4l 1.126422267
## 8851	4qok	3o4l 0.815278747
## 8852	4qrp	3o4l 1.142358709
## 8853	4y19	3o4l 1.793934512
## 8854	4y1a	3o4l 1.193710076
## 8855	4z7u	3o4l 1.642990348
## 8856	4z7v	3o4l 1.090723608
## 8857	4z7w	3o4l 0.846045648
## 8858	5d2l	3o4l 0.986821640
## 8859	5d2n	3o4l 0.907447551
## 8860	1lp9	3o4l 0.585535918
## 8861	1ymm	3o4l 1.323283447
## 8862	2j8u	3o4l 0.587622020
## 8863	2jcc	3o4l 0.586798505
## 8864	2uwe	3o4l 0.585895838
## 8865	2wbj	3o4l 0.972578245
## 8866	3gjf	3o4l 0.920434735
## 8867	3hae	3o4l 1.085440282
## 8868	3nfj	3o4l 0.902792488
## 8869	3o6f	3o4l 0.960344052
## 8870	3p16	3o4l 1.049872949
## 8871	3t0e	3o4l 0.965962218
## 8872	4euq	3o4l 1.309473488
## 8873	4grl	3o4l 0.675897465
## 8874	4h1l	3o4l 1.152698859
## 8875	4may	3o4l 0.964233055
## 8876	4p4k	3o4l 0.656746220
## 8877	4qrr	3o4l 0.851108217
## 8878	4wuu	3o4l 1.343463355
## 8879	4zez	3o4l 1.248067089
## 8880	5brz	3o4l 2.143472390
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## 8882	5c07	3o4l 0.955136752
## 8883	5c08	3o4l 1.151485910

## 8884	5c09	3o4l 1.069014128
## 8885	5c0a	3o4l 1.387729672
## 8886	5c0b	3o4l 0.997786361
## 8887	5c0c	3o4l 1.464899073
## 8888	5e6i	3o4l 1.258872667
## 8889	5e9d	3o4l 1.041983022
## 8890	5eu6	3o4l 0.925772040
## 8891	5euo	3o4l 7.203644599
## 8892	5hhm	3o4l 1.152747399
## 8893	5hho	3o4l 0.991451267
## 8894	5hyj	3o4l 1.041553385
## 8895	5isz	3o4l 1.401876259
## 8896	5jhd	3o4l 0.956960431
## 8897	5jzi	3o4l 1.247414410
## 8898	5ks9	3o4l 1.379074695
## 8899	5ksa	3o4l 1.074765383
## 8900	5ksb	3o4l 0.878126586
## 8901	5men	3o4l 1.164836828
## 8902	5nht	3o4l 1.348279591
## 8903	5nme	3o4l 1.082879364
## 8904	5nmf	3o4l 0.750068717
## 8905	5nmg	3o4l 0.828899322
## 8906	5nqk	3o4l 1.362114793
## 8907	5tez	3o4l 3.511379985
## 8908	5w1v	3o4l 3.048619938
## 8909	5w1w	3o4l 3.193351973
## 8910	5wkf	3o4l 1.032596324
## 8911	5wkh	3o4l 0.649888299
## 8912	5xot	3o4l 1.179413305
## 8913	5xov	3o4l 0.902792488
## 8914	5yxn	3o4l 1.054763514
## 8915	5yxu	3o4l 1.140391913
## 8916	6am5	3o4l 1.291994079
## 8917	6amu	3o4l 1.037024246
## 8918	6avf	3o4l 1.977454174
## 8919	6avg	3o4l 1.235426651
## 8920	6bj2	3o4l 1.788249259
## 8921	6bj3	3o4l 0.999063105
## 8922	6bj8	3o4l 0.997861004
## 8923	6cql	3o4l 0.889686868
## 8924	6cqn	3o4l 2.250211262
## 8925	6cqq	3o4l 1.829940717
## 8926	6cqr	3o4l 0.750410603
## 8927	6d78	3o4l 1.279145276
## 8928	6dfx	3o4l 3.053192802
## 8929	6dkp	3o4l 1.261771383
## 8930	6dxf	3o4l 1.957088759
## 8931	6eqa	3o4l 0.885058828
## 8932	6eqb	3o4l 0.882766378
## 8933	6mtm	3o4l 1.049302472
## 8934	6p64	3o4l 2.678308626
## 8935	6px6	3o4l 0.998671095
## 8936	6py2	3o4l 0.597614165
## 8937	6q3s	3o4l 1.068619275

## 8938	6r2l	3o4l 0.861499263
## 8939	6rp9	3o4l 1.048038288
## 8940	6rpa	3o4l 1.225656270
## 8941	6rpb	3o4l 0.974931037
## 8942	6rsy	3o4l 0.972455108
## 8943	6tmo	3o4l 0.893425706
## 8944	6tro	3o4l 1.465855198
## 8945	6u3n	3o4l 0.684662905
## 8946	6u3o	3o4l 2.005429924
## 8947	6uon	3o4l 1.051684544
## 8948	6vm7	3o4l 1.065807208
## 8949	6vm8	3o4l 1.034055318
## 8950	6vma	3o4l 1.217702438
## 8951	6vmc	3o4l 1.389627305
## 8952	6vmx	3o4l 1.278705204
## 8953	6vqo	3o4l 0.925076726
## 8954	6vrm	3o4l 1.506421307
## 8955	6vrn	3o4l 1.073570423
## 8956	7n1e	3o4l 0.508319375
## 8957	7n1f	3o4l 0.944923496
## 8958	7n6e	3o4l 0.916653906
## 8959	6xc9	3o4l 1.075978711
## 8960	6xco	3o4l 1.000363090
## 8961	6xcp	3o4l 2.507207561
## 8962	6zkw	3o4l 1.129520199
## 8963	6zkk	3o4l 1.085537224
## 8964	6zky	3o4l 1.129146661
## 8965	6zkz	3o4l 1.366069757
## 8966	7dzm	3o4l 1.116265765
## 8967	7dzn	3o4l 0.959825260
## 8968	7rm4	3o4l 1.246094337
## 8969	7rtr	3o4l 0.988836108
## 8970	7l1d	3o4l 1.375998368
## 8971	7sg0	3o4l 1.761054158
## 8972	7sg1	3o4l 1.159891049
## 8973	7sg2	3o4l 1.159366202
## 8974	7rrg	3o4l 0.987042773
## 8975	7n2s	3o4l 0.878382126
## 8976	7n2n	3o4l 0.900366250
## 8977	7n2o	3o4l 1.043653831
## 8978	7n2r	3o4l 1.133164399
## 8979	7n2p	3o4l 1.145729206
## 8980	7n2q	3o4l 1.031421736
## 8981	8cx4	3o4l 0.900183234
## 8982	8VCX	3o4l 2.242155955
## 8983	8VCY	3o4l 0.695816195
## 8984	8VD0	3o4l 0.810038026
## 8985	8VD2	3o4l 1.257233254
## 8986	6XCP	3o4l 2.507136581
## 8987	6XC0	3o4l 1.001304762
## 8988	6XC9	3o4l 1.075585610
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## 8990	1bd2	3pwp 0.818633274
## 8991	1fyt	3pwp 0.786164742

## 8992	1j8h	3pwp 0.977204104
## 8993	1mi5	3pwp 0.519011269
## 8994	1oga	3pwp 0.660103304
## 8995	1qrn	3pwp 1.097356885
## 8996	1qse	3pwp 1.139223715
## 8997	1qsf	3pwp 1.086798962
## 8998	1zgl	3pwp 1.042178958
## 8999	2ak4	3pwp 0.886803870
## 9000	2bnq	3pwp 0.746384318
## 9001	2bnr	3pwp 0.816881713
## 9002	2esv	3pwp 0.940026160
## 9003	2f53	3pwp 0.805320795
## 9004	2f54	3pwp 1.429463822
## 9005	2gj6	3pwp 0.984986699
## 9006	2iam	3pwp 3.257581051
## 9007	2ian	3pwp 0.801070664
## 9008	2nx5	3pwp 0.830216285
## 9009	2p5e	3pwp 0.806773260
## 9010	2p5w	3pwp 0.809587385
## 9011	2pye	3pwp 0.973294404
## 9012	2vlj	3pwp 1.118658383
## 9013	2vlk	3pwp 1.679731595
## 9014	2vlr	3pwp 0.920871361
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## 9019	3dxa	3pwp 1.131806470
## 9020	3ffc	3pwp 1.146841519
## 9021	3gsn	3pwp 0.491098795
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## 9024	3kpr	3pwp 0.851539676
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## 9026	3kxf	3pwp 0.846036749
## 9027	3mv7	3pwp 1.007571428
## 9028	3mv8	3pwp 0.713178322
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## 9030	3o41	3pwp 0.905773673
## 9031	3pwp	3pwp 0.000000000
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## 9036	3qfj	3pwp 0.538806942
## 9037	3sjv	3pwp 0.931093010
## 9038	3uts	3pwp 1.043635468
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## 9040	3vxm	3pwp 0.986667227
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## 9042	3vxs	3pwp 1.078435673
## 9043	4c56	3pwp 0.607527799
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## 9053	4jrx	3pwp 0.772837420
## 9054	4jry	3pwp 0.975396946
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## 9056	4mji	3pwp 1.758739850
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## 9058	4ozf	3pwp 1.187050875
## 9059	4ozg	3pwp 3.278826022
## 9060	4ozh	3pwp 2.288256740
## 9061	4ozi	3pwp 3.227643813
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## 9064	4prp	3pwp 0.947504801
## 9065	4qok	3pwp 0.754236296
## 9066	4qrp	3pwp 0.837555279
## 9067	4y19	3pwp 1.265933191
## 9068	4y1a	3pwp 0.935400675
## 9069	4z7u	3pwp 1.647469568
## 9070	4z7v	3pwp 1.308357250
## 9071	4z7w	3pwp 0.740651628
## 9072	5d2l	3pwp 0.974159536
## 9073	5d2n	3pwp 0.729848364
## 9074	1lp9	3pwp 0.757555907
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## 9076	2j8u	3pwp 0.759023062
## 9077	2jcc	3pwp 0.759366093
## 9078	2uwe	3pwp 0.757970224
## 9079	2wbj	3pwp 0.899202905
## 9080	3gjf	3pwp 0.836042732
## 9081	3hae	3pwp 1.086301404
## 9082	3nfj	3pwp 0.726966192
## 9083	3o6f	3pwp 0.742113033
## 9084	3p16	3pwp 0.851186909
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## 9086	4euq	3pwp 1.139226426
## 9087	4grl	3pwp 0.652009727
## 9088	4h1l	3pwp 1.340597557
## 9089	4may	3pwp 0.904535932
## 9090	4p4k	3pwp 0.646673469
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## 9095	5bs0	3pwp 3.216981373
## 9096	5c07	3pwp 1.054728502
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## 9098	5c09	3pwp 0.674438331
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## 9100	5c0b	3pwp 1.025166779
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## 9102	5e6i	3pwp 1.151014070
## 9103	5e9d	3pwp 0.884985344
## 9104	5eu6	3pwp 0.779679704
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## 9111	5jzi	3pwp 1.292707523
## 9112	5ks9	3pwp 1.222427900
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## 9122	5w1v	3pwp 3.167896604
## 9123	5w1w	3pwp 3.303869049
## 9124	5wkf	3pwp 0.858927166
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## 9129	5yxu	3pwp 0.847199135
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## 9134	6bj2	3pwp 1.741652975
## 9135	6bj3	3pwp 1.108388663
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## 9142	6dfx	3pwp 3.006384365
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## 9145	6eqa	3pwp 0.504997328
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## 9148	6p64	3pwp 2.743293023
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## 9150	6py2	3pwp 0.781653448
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## 9152	6r2l	3pwp 0.982366856
## 9153	6rp9	3pwp 1.011768977

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## 9155	6rpb	3pwp	1.030616582
## 9156	6rsy	3pwp	0.684922157
## 9157	6tmo	3pwp	1.120712401
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## 9160	6u3o	3pwp	2.017376180
## 9161	6uon	3pwp	0.885654878
## 9162	6vm7	3pwp	0.843519721
## 9163	6vm8	3pwp	0.796532120
## 9164	6vma	3pwp	0.831447670
## 9165	6vmc	3pwp	0.958314746
## 9166	6vmx	3pwp	1.196389124
## 9167	6vqo	3pwp	0.717915131
## 9168	6vrm	3pwp	1.798060063
## 9169	6vrn	3pwp	0.580585561
## 9170	7n1e	3pwp	0.868078220
## 9171	7n1f	3pwp	0.652180354
## 9172	7n6e	3pwp	0.865106553
## 9173	6xc9	3pwp	1.115705291
## 9174	6xco	3pwp	0.985400766
## 9175	6xcp	3pwp	3.109347939
## 9176	6zkw	3pwp	0.831693099
## 9177	6zkk	3pwp	0.562329495
## 9178	6zky	3pwp	0.832147344
## 9179	6zkz	3pwp	0.952753705
## 9180	7dzm	3pwp	1.258650761
## 9181	7dzn	3pwp	0.530258123
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## 9184	7l1d	3pwp	0.697341920
## 9185	7sg0	3pwp	1.154194491
## 9186	7sg1	3pwp	1.163143136
## 9187	7sg2	3pwp	1.149757922
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## 9190	7n2n	3pwp	0.597686110
## 9191	7n2o	3pwp	0.873184184
## 9192	7n2r	3pwp	1.143864236
## 9193	7n2p	3pwp	0.794320693
## 9194	7n2q	3pwp	0.962039376
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## 9196	8VCX	3pwp	2.606055034
## 9197	8VCY	3pwp	0.633916426
## 9198	8VD0	3pwp	0.795242927
## 9199	8VD2	3pwp	0.935219445
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## 9201	6XC0	3pwp	0.985319890
## 9202	6XC9	3pwp	1.116494938
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## 9204	1bd2	3qdg	1.374910080
## 9205	1fyt	3qdg	1.375736487
## 9206	1j8h	3qdg	1.172552824
## 9207	1mi5	3qdg	1.419564031

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## 9211	1qsf	3qdg 1.279527885
## 9212	1zgl	3qdg 1.210879006
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## 9214	2bnq	3qdg 0.761961451
## 9215	2bnr	3qdg 1.024272481
## 9216	2esv	3qdg 1.461259483
## 9217	2f53	3qdg 1.181075052
## 9218	2f54	3qdg 1.003470281
## 9219	2gj6	3qdg 0.982249374
## 9220	2iam	3qdg 3.369528375
## 9221	2ian	3qdg 1.141834210
## 9222	2nx5	3qdg 0.929681488
## 9223	2p5e	3qdg 1.184867871
## 9224	2p5w	3qdg 1.185031384
## 9225	2pye	3qdg 1.432470389
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## 9227	2vlk	3qdg 1.813640491
## 9228	2vlr	3qdg 0.828169752
## 9229	2xn9	3qdg 1.178448886
## 9230	2yp1	3qdg 1.054577892
## 9231	3d39	3qdg 1.235425750
## 9232	3d3v	3qdg 1.405617764
## 9233	3dxa	3qdg 1.239989431
## 9234	3ffc	3qdg 1.786812416
## 9235	3gsn	3qdg 1.031054772
## 9236	3h9s	3qdg 1.238534589
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## 9239	3kps	3qdg 1.474077914
## 9240	3kxf	3qdg 1.105385350
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## 9242	3mv8	3qdg 1.322693292
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## 9295	3hae	3qdg 1.086088814
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## 9328	5ksb	3qdg 1.229614210
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## 9412	8VD0	3qdg 1.197506290
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## 9618	7n2n	3qdj 0.972975187
## 9619	7n2o	3qdj 1.196420335
## 9620	7n2r	3qdj 1.427362209
## 9621	7n2p	3qdj 1.372091669
## 9622	7n2q	3qdj 1.051138230
## 9623	8cx4	3qdj 1.265649199
## 9624	8VCX	3qdj 2.823071867
## 9625	8VCY	3qdj 1.084022404
## 9626	8VD0	3qdj 1.197234402
## 9627	8VD2	3qdj 1.377710713
## 9628	6XCP	3qdj 2.962111940
## 9629	6XC0	3qdj 1.881253784
## 9630	6XC9	3qdj 1.147375073
## 9631	1ao7	3qdm 2.387302067
## 9632	1bd2	3qdm 1.936790987
## 9633	1fyt	3qdm 2.227032841
## 9634	1j8h	3qdm 2.123181905
## 9635	1mi5	3qdm 2.289918612
## 9636	1oga	3qdm 2.277488391
## 9637	1qrn	3qdm 2.276965796
## 9638	1qse	3qdm 1.625977809
## 9639	1qsf	3qdm 2.272952965

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## 9643	2bnr	3qdm 1.623476595
## 9644	2esv	3qdm 2.435416821
## 9645	2f53	3qdm 1.883232275
## 9646	2f54	3qdm 0.899724862
## 9647	2gj6	3qdm 2.079717196
## 9648	2iam	3qdm 3.514405535
## 9649	2ian	3qdm 1.505544250
## 9650	2nx5	3qdm 1.139952224
## 9651	2p5e	3qdm 1.881120411
## 9652	2p5w	3qdm 1.881126632
## 9653	2pye	3qdm 1.932279413
## 9654	2vlj	3qdm 1.357132000
## 9655	2vlk	3qdm 2.818691795
## 9656	2vlr	3qdm 1.093570796
## 9657	2xn9	3qdm 1.873523889
## 9658	2yp1	3qdm 1.581323758
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## 9660	3d3v	3qdm 2.225499501
## 9661	3dxa	3qdm 1.295474551
## 9662	3ffc	3qdm 2.290660782
## 9663	3gsn	3qdm 1.641964008
## 9664	3h9s	3qdm 2.003934580
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## 9666	3kpr	3qdm 1.160095768
## 9667	3kps	3qdm 2.048334323
## 9668	3kxf	3qdm 1.410704247
## 9669	3mv7	3qdm 2.366992411
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## 9683	3vxr	3qdm 2.422082282
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## 9687	4eup	3qdm 1.303197321
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## 9689	4g8g	3qdm 2.756778903
## 9690	4g9f	3qdm 1.991970388
## 9691	4gg6	3qdm 2.095177285
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## 9693	4jfe	3qdm 1.740293427

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## 9702	4ozh	3qdm 1.879862024
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## 9704	4prh	3qdm 2.352753052
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## 9710	4y1a	3qdm 2.362218603
## 9711	4z7u	3qdm 1.884457890
## 9712	4z7v	3qdm 1.592477016
## 9713	4z7w	3qdm 1.574246479
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## 9715	5d2n	3qdm 1.164837566
## 9716	1lp9	3qdm 1.490859191
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## 9718	2j8u	3qdm 1.489236901
## 9719	2jcc	3qdm 1.489390530
## 9720	2uwe	3qdm 1.488960144
## 9721	2wbj	3qdm 1.610370357
## 9722	3gjf	3qdm 1.367041218
## 9723	3hae	3qdm 1.202175938
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## 9732	4p4k	3qdm 1.324889396
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## 9734	4wuu	3qdm 1.683917157
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## 9742	5c0b	3qdm 2.147470446
## 9743	5c0c	3qdm 1.021531634
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## 9745	5e9d	3qdm 1.500115585
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## 9747	5euo	3qdm 6.776901383

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## 9756	5ksb	3qdm 1.563601890
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## 9763	5tez	3qdm 1.943620797
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## 9765	5w1w	3qdm 3.294026387
## 9766	5wkf	3qdm 1.738926361
## 9767	5wkh	3qdm 1.593711557
## 9768	5xot	3qdm 2.389515942
## 9769	5xov	3qdm 1.409906076
## 9770	5yxn	3qdm 2.255929866
## 9771	5yxu	3qdm 1.313191060
## 9772	6am5	3qdm 2.063259442
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## 9775	6avg	3qdm 1.805478790
## 9776	6bj2	3qdm 2.230256518
## 9777	6bj3	3qdm 2.401621251
## 9778	6bj8	3qdm 2.409748976
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## 9780	6cqn	3qdm 3.258995083
## 9781	6cqq	3qdm 1.434381316
## 9782	6cqr	3qdm 1.525828601
## 9783	6d78	3qdm 2.081433683
## 9784	6dfx	3qdm 3.189043590
## 9785	6dkp	3qdm 2.052654247
## 9786	6dxf	3qdm 1.706730931
## 9787	6eqa	3qdm 1.757490556
## 9788	6eqb	3qdm 1.740242229
## 9789	6mtm	3qdm 2.071497268
## 9790	6p64	3qdm 2.739876082
## 9791	6px6	3qdm 2.191399545
## 9792	6py2	3qdm 2.126264626
## 9793	6q3s	3qdm 2.275660350
## 9794	6r2l	3qdm 1.838070464
## 9795	6rp9	3qdm 1.610105849
## 9796	6rpa	3qdm 2.050517587
## 9797	6rpb	3qdm 1.016688303
## 9798	6rsy	3qdm 1.452950713
## 9799	6tmo	3qdm 1.534049144
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## 9801	6u3n	3qdm 2.141479297

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## 9803	6uon	3qdm 1.326219444
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## 9805	6vm8	3qdm 2.069249819
## 9806	6vma	3qdm 2.214926456
## 9807	6vmc	3qdm 2.331854116
## 9808	6vmx	3qdm 1.727865801
## 9809	6vqo	3qdm 1.674242631
## 9810	6vrm	3qdm 1.090683445
## 9811	6vrn	3qdm 2.212561868
## 9812	7n1e	3qdm 1.724935382
## 9813	7n1f	3qdm 2.033609945
## 9814	7n6e	3qdm 1.324224989
## 9815	6xc9	3qdm 1.177651021
## 9816	6xco	3qdm 2.444787396
## 9817	6xcp	3qdm 2.819701856
## 9818	6zkw	3qdm 2.113348101
## 9819	6zkk	3qdm 2.182435808
## 9820	6zky	3qdm 2.114464321
## 9821	6zkz	3qdm 2.118671327
## 9822	7dzm	3qdm 2.323127927
## 9823	7dzn	3qdm 2.114913981
## 9824	7rm4	3qdm 1.374088062
## 9825	7rtr	3qdm 1.715096372
## 9826	7l1d	3qdm 2.416133957
## 9827	7sg0	3qdm 2.218511540
## 9828	7sg1	3qdm 1.657087156
## 9829	7sg2	3qdm 1.649868335
## 9830	7rrg	3qdm 1.845323121
## 9831	7n2s	3qdm 1.858707218
## 9832	7n2n	3qdm 1.829589042
## 9833	7n2o	3qdm 1.655744032
## 9834	7n2r	3qdm 1.898590300
## 9835	7n2p	3qdm 1.740276724
## 9836	7n2q	3qdm 1.295854393
## 9837	8cx4	3qdm 1.813800825
## 9838	8VCX	3qdm 3.179199613
## 9839	8VCY	3qdm 1.708728579
## 9840	8VD0	3qdm 1.704492177
## 9841	8VD2	3qdm 2.340756279
## 9842	6XCP	3qdm 2.820128822
## 9843	6XC0	3qdm 2.444729270
## 9844	6XC9	3qdm 1.174549043
## 9845	1ao7	3qeq 1.308407007
## 9846	1bd2	3qeq 0.838431623
## 9847	1fyt	3qeq 1.124310980
## 9848	1j8h	3qeq 1.208502710
## 9849	1mi5	3qeq 0.965153161
## 9850	1oga	3qeq 1.069075922
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## 9852	1qse	3qeq 1.110338819
## 9853	1qsf	3qeq 1.385170503
## 9854	1zgl	3qeq 1.099990762
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## 9856	2bnq	3qeq 0.724159099
## 9857	2bnr	3qeq 0.709920376
## 9858	2esv	3qeq 1.357138109
## 9859	2f53	3qeq 0.910015326
## 9860	2f54	3qeq 1.132614109
## 9861	2gj6	3qeq 1.219155660
## 9862	2iam	3qeq 3.137682199
## 9863	2ian	3qeq 0.988944443
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## 9865	2p5e	3qeq 0.907640574
## 9866	2p5w	3qeq 0.909177635
## 9867	2pye	3qeq 0.991323070
## 9868	2vlj	3qeq 0.762791922
## 9869	2vlk	3qeq 1.989336202
## 9870	2vlr	3qeq 0.706577087
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## 9872	2yp1	3qeq 0.740853726
## 9873	3d39	3qeq 0.650512599
## 9874	3d3v	3qeq 1.069238504
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## 9876	3ffc	3qeq 1.455660259
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## 9878	3h9s	3qeq 0.651846823
## 9879	3hg1	3qeq 0.642815418
## 9880	3kpr	3qeq 0.715636955
## 9881	3kps	3qeq 1.021119605
## 9882	3kxf	3qeq 0.961783465
## 9883	3mv7	3qeq 1.308953155
## 9884	3mv8	3qeq 0.756580860
## 9885	3mv9	3qeq 1.397578364
## 9886	3o41	3qeq 0.903842294
## 9887	3pwp	3qeq 0.650579930
## 9888	3qdg	3qeq 0.942862787
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## 9891	3qeq	3qeq 0.000000000
## 9892	3qfj	3qeq 0.310111584
## 9893	3sjv	3qeq 0.856092630
## 9894	3uts	3qeq 0.938798948
## 9895	3utt	3qeq 0.969935244
## 9896	3vxm	3qeq 0.884431029
## 9897	3vxr	3qeq 1.139531883
## 9898	3vxs	3qeq 1.046607575
## 9899	4c56	3qeq 0.674695979
## 9900	4e41	3qeq 4.148124967
## 9901	4eup	3qeq 0.822735463
## 9902	4ftv	3qeq 1.164360094
## 9903	4g8g	3qeq 1.544274637
## 9904	4g9f	3qeq 0.891816135
## 9905	4gg6	3qeq 1.298851898
## 9906	4jfd	3qeq 0.643229383
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## 9909	4jrx	3qeq 0.811503412

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## 9912	4mji	3qeq 2.087347583
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## 9914	4ozf	3qeq 0.765575871
## 9915	4ozg	3qeq 3.171078747
## 9916	4ozh	3qeq 2.088881214
## 9917	4ozi	3qeq 3.235441507
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## 9920	4prp	3qeq 1.135930151
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## 9922	4qrp	3qeq 1.036641248
## 9923	4y19	3qeq 1.521723711
## 9924	4y1a	3qeq 1.273417848
## 9925	4z7u	3qeq 1.629404000
## 9926	4z7v	3qeq 1.188434099
## 9927	4z7w	3qeq 0.864892372
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## 9929	5d2n	3qeq 0.668247339
## 9930	1lp9	3qeq 0.822786068
## 9931	1ymm	3qeq 1.308971326
## 9932	2j8u	3qeq 0.822989757
## 9933	2jcc	3qeq 0.823601911
## 9934	2uwe	3qeq 0.822129722
## 9935	2wbj	3qeq 0.964034394
## 9936	3gjf	3qeq 0.778821759
## 9937	3hae	3qeq 1.045023472
## 9938	3nfj	3qeq 0.743750320
## 9939	3o6f	3qeq 0.864504387
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## 9941	3t0e	3qeq 1.018389867
## 9942	4euq	3qeq 1.386164956
## 9943	4grl	3qeq 0.572388703
## 9944	4h1l	3qeq 1.287028168
## 9945	4may	3qeq 1.246771111
## 9946	4p4k	3qeq 0.632920077
## 9947	4qrr	3qeq 0.997813535
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## 9949	4zez	3qeq 1.258187042
## 9950	5brz	3qeq 1.956913355
## 9951	5bs0	3qeq 2.736978083
## 9952	5c07	3qeq 0.856760635
## 9953	5c08	3qeq 0.716606022
## 9954	5c09	3qeq 0.973904320
## 9955	5c0a	3qeq 1.424717077
## 9956	5c0b	3qeq 1.316768054
## 9957	5c0c	3qeq 1.097420591
## 9958	5e6i	3qeq 1.196919332
## 9959	5e9d	3qeq 0.882908800
## 9960	5eu6	3qeq 1.036691155
## 9961	5euo	3qeq 7.127326306
## 9962	5hhm	3qeq 1.347312932
## 9963	5hho	3qeq 0.982810883

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## 9965	5isz	3qeq 0.736611994
## 9966	5jhd	3qeq 1.073251284
## 9967	5jzi	3qeq 1.257458068
## 9968	5ks9	3qeq 1.562395867
## 9969	5ksa	3qeq 0.774706256
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## 9972	5nht	3qeq 0.915733017
## 9973	5nme	3qeq 1.145863230
## 9974	5nmf	3qeq 0.656516147
## 9975	5nmg	3qeq 0.828253966
## 9976	5nqk	3qeq 0.929639291
## 9977	5tez	3qeq 3.164329382
## 9978	5w1v	3qeq 3.060400744
## 9979	5w1w	3qeq 3.275245063
## 9980	5wkf	3qeq 1.013813863
## 9981	5wkh	3qeq 0.771415637
## 9982	5xot	3qeq 1.230060581
## 9983	5xov	3qeq 0.743750320
## 9984	5yxn	3qeq 1.003481410
## 9985	5yxu	3qeq 0.824673462
## 9986	6am5	3qeq 1.058033028
## 9987	6amu	3qeq 0.976704842
## 9988	6avf	3qeq 1.516133494
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## 9991	6bj3	3qeq 1.266300700
## 9992	6bj8	3qeq 1.271363507
## 9993	6cql	3qeq 1.100537767
## 9994	6cqn	3qeq 2.739497528
## 9995	6cqq	3qeq 1.547423458
## 9996	6cqr	3qeq 0.846509226
## 9997	6d78	3qeq 1.060587165
## 9998	6dfx	3qeq 3.056171880
## 9999	6dkp	3qeq 1.041820779
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## 10002	6eqb	3qeq 0.638152746
## 10003	6mtm	3qeq 0.865883467
## 10004	6p64	3qeq 2.712666496
## 10005	6px6	3qeq 1.021567978
## 10006	6py2	3qeq 1.020732716
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## 10008	6r2l	3qeq 0.839725044
## 10009	6rp9	3qeq 1.070006318
## 10010	6rpa	3qeq 0.902169332
## 10011	6rpb	3qeq 0.916769257
## 10012	6rsy	3qeq 0.831172262
## 10013	6tmo	3qeq 0.835291735
## 10014	6tro	3qeq 1.562535481
## 10015	6u3n	3qeq 0.963381470
## 10016	6u3o	3qeq 1.781703719
## 10017	6uon	3qeq 0.825975620

## 10018	6vm7	3qeq 1.032758512
## 10019	6vm8	3qeq 0.943247566
## 10020	6vma	3qeq 1.184416957
## 10021	6vmc	3qeq 1.254926278
## 10022	6vmx	3qeq 1.209703955
## 10023	6vqo	3qeq 0.981538239
## 10024	6vrn	3qeq 1.363678715
## 10025	6vrn	3qeq 0.896263840
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## 10027	7n1f	3qeq 0.843677661
## 10028	7n6e	3qeq 0.799053771
## 10029	6xc9	3qeq 0.922472707
## 10030	6xco	3qeq 1.229513110
## 10031	6xcp	3qeq 2.837624590
## 10032	6zkw	3qeq 1.053420682
## 10033	6zxx	3qeq 1.009620662
## 10034	6zky	3qeq 1.053626963
## 10035	6zkz	3qeq 1.070742165
## 10036	7dzm	3qeq 1.360515918
## 10037	7dzn	3qeq 0.921026076
## 10038	7rm4	3qeq 1.186843969
## 10039	7rtr	3qeq 0.703114796
## 10040	7l1d	3qeq 1.150966814
## 10041	7sg0	3qeq 1.352969129
## 10042	7sg1	3qeq 1.102344837
## 10043	7sg2	3qeq 1.092796034
## 10044	7rrg	3qeq 0.824306085
## 10045	7n2s	3qeq 0.772674905
## 10046	7n2n	3qeq 0.778825168
## 10047	7n2o	3qeq 0.722281410
## 10048	7n2r	3qeq 1.090615539
## 10049	7n2p	3qeq 0.611520807
## 10050	7n2q	3qeq 0.868684327
## 10051	8cx4	3qeq 0.756791922
## 10052	8VCX	3qeq 2.667272512
## 10053	8VCY	3qeq 0.556970622
## 10054	8VD0	3qeq 0.969310741
## 10055	8VD2	3qeq 1.290647089
## 10056	6XCP	3qeq 2.837355097
## 10057	6XC0	3qeq 1.228996646
## 10058	6XC9	3qeq 0.921336463
## 10059	1ao7	3qfj 1.180594539
## 10060	1bd2	3qfj 0.866771495
## 10061	1fyt	3qfj 1.020650209
## 10062	1j8h	3qfj 1.123733397
## 10063	1mi5	3qfj 0.946046940
## 10064	1oga	3qfj 0.950171802
## 10065	1qrn	3qfj 1.277061597
## 10066	1qse	3qfj 1.006598704
## 10067	1qsf	3qfj 1.266982242
## 10068	1zgl	3qfj 1.061519263
## 10069	2ak4	3qfj 0.966009350
## 10070	2bnq	3qfj 0.653831411
## 10071	2bnr	3qfj 0.725815702

## 10072	2esv	3qfj	1.218184464
## 10073	2f53	3qfj	0.838352695
## 10074	2f54	3qfj	1.182373488
## 10075	2gj6	3qfj	1.130032069
## 10076	2iam	3qfj	3.270782213
## 10077	2ian	3qfj	0.945247630
## 10078	2nx5	3qfj	0.820744523
## 10079	2p5e	3qfj	0.839084842
## 10080	2p5w	3qfj	0.840520810
## 10081	2pye	3qfj	0.992730925
## 10082	2vlj	3qfj	0.741364521
## 10083	2vlk	3qfj	1.880478969
## 10084	2vlr	3qfj	0.778223755
## 10085	2xn9	3qfj	0.958542923
## 10086	2yp1	3qfj	0.714519047
## 10087	3d39	3qfj	0.538082508
## 10088	3d3v	3qfj	0.961611561
## 10089	3dxa	3qfj	1.077911286
## 10090	3ffc	3qfj	1.439139761
## 10091	3gsn	3qfj	0.320734605
## 10092	3h9s	3qfj	0.539204913
## 10093	3hg1	3qfj	0.472087687
## 10094	3kpr	3qfj	0.755433954
## 10095	3kps	3qfj	0.958046800
## 10096	3kxf	3qfj	0.934546663
## 10097	3mv7	3qfj	1.232873723
## 10098	3mv8	3qfj	0.832393379
## 10099	3mv9	3qfj	1.269267370
## 10100	3o41	3qfj	0.945124073
## 10101	3pwp	3qfj	0.538806942
## 10102	3qdg	3qfj	0.906983488
## 10103	3qdj	3qfj	0.906402021
## 10104	3qdm	3qfj	1.508585436
## 10105	3qeq	3qfj	0.310111584
## 10106	3qfj	3qfj	0.000000000
## 10107	3sjv	3qfj	0.845351718
## 10108	3uts	3qfj	0.946727708
## 10109	3utt	3qfj	0.932184745
## 10110	3vxm	3qfj	0.913569351
## 10111	3vxr	3qfj	1.146148149
## 10112	3vxs	3qfj	1.048311299
## 10113	4c56	3qfj	0.677402312
## 10114	4e41	3qfj	4.063825420
## 10115	4eup	3qfj	0.818338185
## 10116	4ftv	3qfj	1.173974371
## 10117	4g8g	3qfj	1.530782925
## 10118	4g9f	3qfj	0.878192444
## 10119	4gg6	3qfj	1.348071742
## 10120	4jfd	3qfj	0.466191280
## 10121	4jfe	3qfj	0.463978665
## 10122	4jff	3qfj	0.466204248
## 10123	4jrx	3qfj	0.761695133
## 10124	4jry	3qfj	0.999670486
## 10125	4l3e	3qfj	1.083231522

## 10126	4mji	3qfj	2.023873128
## 10127	4mnq	3qfj	1.217540661
## 10128	4ozf	3qfj	0.935844095
## 10129	4ozg	3qfj	3.116183597
## 10130	4ozh	3qfj	2.086787293
## 10131	4ozi	3qfj	3.165751266
## 10132	4prh	3qfj	1.185640896
## 10133	4pri	3qfj	1.197893585
## 10134	4prp	3qfj	1.182466293
## 10135	4qok	3qfj	1.025159414
## 10136	4qrp	3qfj	0.961699336
## 10137	4y19	3qfj	1.485969198
## 10138	4y1a	3qfj	1.227489207
## 10139	4z7u	3qfj	1.618587096
## 10140	4z7v	3qfj	1.274600665
## 10141	4z7w	3qfj	0.835084152
## 10142	5d2l	3qfj	1.098013664
## 10143	5d2n	3qfj	0.635805785
## 10144	1lp9	3qfj	0.835321175
## 10145	1ymm	3qfj	1.395511752
## 10146	2j8u	3qfj	0.835402711
## 10147	2jcc	3qfj	0.835744543
## 10148	2uwe	3qfj	0.834564248
## 10149	2wbj	3qfj	0.955289999
## 10150	3gjf	3qfj	0.802032445
## 10151	3hae	3qfj	1.025504089
## 10152	3nfj	3qfj	0.741919127
## 10153	3o6f	3qfj	0.809116098
## 10154	3p16	3qfj	1.212806665
## 10155	3t0e	3qfj	1.062263694
## 10156	4euq	3qfj	1.413116625
## 10157	4grl	3qfj	0.649442097
## 10158	4h1l	3qfj	1.387030861
## 10159	4may	3qfj	1.229950911
## 10160	4p4k	3qfj	0.663401685
## 10161	4qrr	3qfj	0.984265796
## 10162	4wuu	3qfj	0.843742314
## 10163	4zez	3qfj	1.343728803
## 10164	5brz	3qfj	1.888511427
## 10165	5bs0	3qfj	2.726654985
## 10166	5c07	3qfj	0.940775630
## 10167	5c08	3qfj	0.699916366
## 10168	5c09	3qfj	0.935110952
## 10169	5c0a	3qfj	1.429674762
## 10170	5c0b	3qfj	1.306057747
## 10171	5c0c	3qfj	1.140323330
## 10172	5e6i	3qfj	1.158829797
## 10173	5e9d	3qfj	0.802941679
## 10174	5eu6	3qfj	1.108655105
## 10175	5euo	3qfj	7.052934583
## 10176	5hhm	3qfj	1.298969127
## 10177	5hho	3qfj	1.102210624
## 10178	5hyj	3qfj	0.870959055
## 10179	5isz	3qfj	0.591960783

## 10180	5jhd	3qfj	1.101673214
## 10181	5jzi	3qfj	1.343108452
## 10182	5ks9	3qfj	1.512276040
## 10183	5ksa	3qfj	0.786478493
## 10184	5ksb	3qfj	0.841104055
## 10185	5men	3qfj	1.217293946
## 10186	5nht	3qfj	0.986491421
## 10187	5nme	3qfj	1.098657240
## 10188	5nmf	3qfj	0.649454481
## 10189	5nmg	3qfj	0.871994944
## 10190	5nqk	3qfj	0.997428275
## 10191	5tez	3qfj	3.158986542
## 10192	5w1v	3qfj	3.067142198
## 10193	5w1w	3qfj	3.281185533
## 10194	5wkf	3qfj	0.987309003
## 10195	5wkh	3qfj	0.742905803
## 10196	5xot	3qfj	1.225778593
## 10197	5xov	3qfj	0.741919127
## 10198	5yxn	3qfj	1.005098171
## 10199	5yxu	3qfj	0.755249373
## 10200	6am5	3qfj	1.093651398
## 10201	6amu	3qfj	1.083533834
## 10202	6avf	3qfj	1.604079222
## 10203	6avg	3qfj	1.099484063
## 10204	6bj2	3qfj	1.676705818
## 10205	6bj3	3qfj	1.326873609
## 10206	6bj8	3qfj	1.332226404
## 10207	6cql	3qfj	1.136976523
## 10208	6cqn	3qfj	2.849574645
## 10209	6cqq	3qfj	1.542924374
## 10210	6cqr	3qfj	0.878836365
## 10211	6d78	3qfj	1.096222924
## 10212	6dfx	3qfj	2.985488506
## 10213	6dkp	3qfj	1.080971746
## 10214	6dxl	3qfj	1.623912389
## 10215	6eqa	3qfj	0.474654424
## 10216	6eqb	3qfj	0.463064880
## 10217	6mtm	3qfj	0.933744342
## 10218	6p64	3qfj	2.663003023
## 10219	6px6	3qfj	1.000436874
## 10220	6py2	3qfj	0.983240882
## 10221	6q3s	3qfj	0.928483692
## 10222	6r2l	3qfj	0.972646679
## 10223	6rp9	3qfj	1.071041593
## 10224	6rpa	3qfj	0.912311248
## 10225	6rpb	3qfj	0.935333229
## 10226	6rsy	3qfj	0.729148830
## 10227	6tmo	3qfj	0.980513990
## 10228	6tro	3qfj	1.412139176
## 10229	6u3n	3qfj	0.956707224
## 10230	6u3o	3qfj	1.817665070
## 10231	6uon	3qfj	0.835436084
## 10232	6vm7	3qfj	1.059057358
## 10233	6vm8	3qfj	0.975691992

## 10234	6vma	3qfj	1.080689926
## 10235	6vmc	3qfj	1.138806564
## 10236	6vmx	3qfj	1.239084709
## 10237	6vqo	3qfj	0.892638838
## 10238	6vrn	3qfj	1.363994538
## 10239	6vrn	3qfj	0.938385688
## 10240	7n1e	3qfj	0.806705157
## 10241	7n1f	3qfj	0.824710245
## 10242	7n6e	3qfj	0.814722309
## 10243	6xc9	3qfj	0.956423167
## 10244	6xco	3qfj	1.258036422
## 10245	6xcp	3qfj	2.945101083
## 10246	6zkw	3qfj	0.967582925
## 10247	6zky	3qfj	0.870139983
## 10248	6zky	3qfj	0.968319473
## 10249	6zkz	3qfj	1.076188273
## 10250	7dzm	3qfj	1.404428150
## 10251	7dzn	3qfj	0.816166535
## 10252	7rm4	3qfj	1.180611626
## 10253	7rtr	3qfj	0.653946934
## 10254	7l1d	3qfj	1.086054938
## 10255	7sg0	3qfj	1.206378766
## 10256	7sg1	3qfj	1.157894942
## 10257	7sg2	3qfj	1.144782737
## 10258	7rrg	3qfj	0.754673104
## 10259	7n2s	3qfj	0.710555971
## 10260	7n2n	3qfj	0.708230959
## 10261	7n2o	3qfj	0.703042676
## 10262	7n2r	3qfj	1.118522470
## 10263	7n2p	3qfj	0.694361661
## 10264	7n2q	3qfj	0.881332256
## 10265	8cx4	3qfj	0.694099337
## 10266	8VCX	3qfj	2.665024332
## 10267	8VCY	3qfj	0.632968857
## 10268	8VD0	3qfj	0.957859005
## 10269	8VD2	3qfj	1.208553956
## 10270	6XCP	3qfj	2.945154007
## 10271	6XC0	3qfj	1.257774067
## 10272	6XC9	3qfj	0.954392587
## 10273	1ao7	3sjv	1.032206492
## 10274	1bd2	3sjv	0.886892946
## 10275	1fyt	3sjv	0.949436954
## 10276	1j8h	3sjv	1.026763995
## 10277	1mi5	3sjv	1.001274153
## 10278	1oga	3sjv	0.955132053
## 10279	1qrn	3sjv	0.999932203
## 10280	1qse	3sjv	0.917978180
## 10281	1qsf	3sjv	0.998761303
## 10282	1zgl	3sjv	0.688845719
## 10283	2ak4	3sjv	0.590177033
## 10284	2bnq	3sjv	0.901639257
## 10285	2bnr	3sjv	0.932657970
## 10286	2esv	3sjv	0.986336836
## 10287	2f53	3sjv	0.864305152

## 10288	2f54	3sjv 0.677760106
## 10289	2gj6	3sjv 0.992058260
## 10290	2iam	3sjv 1.795645445
## 10291	2ian	3sjv 0.654392487
## 10292	2nx5	3sjv 0.491414855
## 10293	2p5e	3sjv 0.865279461
## 10294	2p5w	3sjv 0.865328482
## 10295	2pye	3sjv 0.920795184
## 10296	2vlj	3sjv 0.840158011
## 10297	2vlk	3sjv 1.175426418
## 10298	2vlr	3sjv 0.528666086
## 10299	2xn9	3sjv 0.976198781
## 10300	2yp1	3sjv 0.936877870
## 10301	3d39	3sjv 0.930938952
## 10302	3d3v	3sjv 0.925631426
## 10303	3dxa	3sjv 0.660997945
## 10304	3ffc	3sjv 1.029220375
## 10305	3gsn	3sjv 0.857331070
## 10306	3h9s	3sjv 0.931386328
## 10307	3hg1	3sjv 0.870271387
## 10308	3kpr	3sjv 0.658275346
## 10309	3kps	3sjv 0.933265690
## 10310	3kxf	3sjv 0.513011869
## 10311	3mv7	3sjv 1.018092248
## 10312	3mv8	3sjv 0.976664383
## 10313	3mv9	3sjv 1.010158420
## 10314	3o41	3sjv 0.953327248
## 10315	3pwp	3sjv 0.931093010
## 10316	3qdg	3sjv 0.866072264
## 10317	3qdj	3sjv 0.866285656
## 10318	3qdm	3sjv 1.022540197
## 10319	3qeq	3sjv 0.856092630
## 10320	3qfj	3sjv 0.845351718
## 10321	3sjv	3sjv 0.000000000
## 10322	3uts	3sjv 0.707928921
## 10323	3utt	3sjv 0.820684625
## 10324	3vxm	3sjv 0.860793376
## 10325	3vxr	3sjv 1.073140276
## 10326	3vxs	3sjv 0.928879278
## 10327	4c56	3sjv 0.690508393
## 10328	4e41	3sjv 1.980647946
## 10329	4eup	3sjv 0.641860231
## 10330	4ftv	3sjv 1.020906985
## 10331	4g8g	3sjv 1.155826635
## 10332	4g9f	3sjv 0.979331499
## 10333	4gg6	3sjv 0.975174944
## 10334	4jfd	3sjv 0.867250423
## 10335	4jfe	3sjv 0.867862426
## 10336	4jff	3sjv 0.868601056
## 10337	4jrx	3sjv 0.860973707
## 10338	4jry	3sjv 0.962140089
## 10339	4l3e	3sjv 1.035938442
## 10340	4mji	3sjv 1.244385993
## 10341	4mnq	3sjv 0.996962296

## 10342	4ozf	3sjv 0.969818496
## 10343	4ozg	3sjv 1.487967233
## 10344	4ozh	3sjv 1.044018247
## 10345	4ozi	3sjv 1.554800984
## 10346	4prh	3sjv 1.027708561
## 10347	4pri	3sjv 1.021986186
## 10348	4prp	3sjv 0.996407943
## 10349	4qok	3sjv 1.011194486
## 10350	4qrp	3sjv 0.733457027
## 10351	4y19	3sjv 1.163489625
## 10352	4y1a	3sjv 1.066629915
## 10353	4z7u	3sjv 0.861760086
## 10354	4z7v	3sjv 0.836735326
## 10355	4z7w	3sjv 0.669306852
## 10356	5d2l	3sjv 0.609280562
## 10357	5d2n	3sjv 0.655228003
## 10358	1lp9	3sjv 0.687966359
## 10359	1ymm	3sjv 1.215137849
## 10360	2j8u	3sjv 0.687739103
## 10361	2jcc	3sjv 0.687641425
## 10362	2uwe	3sjv 0.687774608
## 10363	2wbj	3sjv 0.683983764
## 10364	3gjf	3sjv 0.650908039
## 10365	3hae	3sjv 0.514721803
## 10366	3nfj	3sjv 0.607847814
## 10367	3o6f	3sjv 0.608701485
## 10368	3pl6	3sjv 1.079650828
## 10369	3t0e	3sjv 0.902509192
## 10370	4euq	3sjv 1.010809848
## 10371	4grl	3sjv 0.937881971
## 10372	4h1l	3sjv 0.979248560
## 10373	4may	3sjv 1.047580968
## 10374	4p4k	3sjv 0.680509402
## 10375	4qrr	3sjv 1.024832005
## 10376	4wuu	3sjv 0.938569506
## 10377	4zez	3sjv 0.891111780
## 10378	5brz	3sjv 1.047983660
## 10379	5bs0	3sjv 1.380449963
## 10380	5c07	3sjv 0.682409323
## 10381	5c08	3sjv 0.698041143
## 10382	5c09	3sjv 0.821115373
## 10383	5c0a	3sjv 0.791420478
## 10384	5c0b	3sjv 0.859747566
## 10385	5c0c	3sjv 0.748095500
## 10386	5e6i	3sjv 0.702051192
## 10387	5e9d	3sjv 0.735204319
## 10388	5eu6	3sjv 1.032678738
## 10389	5euo	3sjv 3.365085666
## 10390	5hhm	3sjv 0.789463292
## 10391	5hho	3sjv 1.029139769
## 10392	5hyj	3sjv 0.697288891
## 10393	5isz	3sjv 0.883271867
## 10394	5jhd	3sjv 0.761387107
## 10395	5jzi	3sjv 0.890963606

## 10396	5ks9	3sjv 0.997898975
## 10397	5ksa	3sjv 0.990443271
## 10398	5ksb	3sjv 0.740602821
## 10399	5men	3sjv 0.996884396
## 10400	5nht	3sjv 0.975390022
## 10401	5nme	3sjv 0.721110776
## 10402	5nmf	3sjv 0.641295859
## 10403	5nmg	3sjv 0.697428802
## 10404	5nqk	3sjv 0.979154190
## 10405	5tez	3sjv 1.606139460
## 10406	5w1v	3sjv 1.324178211
## 10407	5w1w	3sjv 1.511018273
## 10408	5wkf	3sjv 0.765001509
## 10409	5wkh	3sjv 0.741273829
## 10410	5xot	3sjv 1.050719155
## 10411	5xov	3sjv 0.607847814
## 10412	5yxn	3sjv 1.031931136
## 10413	5yxu	3sjv 0.603232461
## 10414	6am5	3sjv 1.042211084
## 10415	6amu	3sjv 1.027270724
## 10416	6avf	3sjv 1.154093683
## 10417	6avg	3sjv 0.839708214
## 10418	6bj2	3sjv 1.011182066
## 10419	6bj3	3sjv 1.072591901
## 10420	6bj8	3sjv 1.075619832
## 10421	6cql	3sjv 1.090313413
## 10422	6cqn	3sjv 1.658452345
## 10423	6cqq	3sjv 0.922028582
## 10424	6cqr	3sjv 0.760654158
## 10425	6d78	3sjv 1.048337967
## 10426	6dfx	3sjv 1.572902395
## 10427	6dkp	3sjv 1.038706107
## 10428	6dxs	3sjv 1.079026888
## 10429	6eqa	3sjv 0.871211947
## 10430	6eqb	3sjv 0.868589885
## 10431	6mtm	3sjv 0.995049375
## 10432	6p64	3sjv 1.300299691
## 10433	6px6	3sjv 0.941423968
## 10434	6py2	3sjv 0.972427573
## 10435	6q3s	3sjv 1.035883242
## 10436	6r2l	3sjv 0.877822070
## 10437	6rp9	3sjv 0.641138708
## 10438	6rpa	3sjv 0.943151218
## 10439	6rpb	3sjv 0.548274490
## 10440	6rsy	3sjv 0.719024733
## 10441	6tmo	3sjv 0.869383636
## 10442	6tro	3sjv 1.059196729
## 10443	6u3n	3sjv 0.965990039
## 10444	6u3o	3sjv 0.812000526
## 10445	6uon	3sjv 0.634877917
## 10446	6vm7	3sjv 0.995040086
## 10447	6vm8	3sjv 0.990723236
## 10448	6vma	3sjv 0.987086156
## 10449	6vmc	3sjv 1.011915359

## 10450	6vmx	3sjv 0.900123850
## 10451	6vqo	3sjv 0.711949424
## 10452	6vrm	3sjv 0.920016383
## 10453	6vrn	3sjv 1.036907890
## 10454	7n1e	3sjv 0.889566684
## 10455	7n1f	3sjv 0.912576247
## 10456	7n6e	3sjv 0.644120821
## 10457	6xc9	3sjv 0.684717380
## 10458	6xco	3sjv 1.070776689
## 10459	6xcp	3sjv 1.621558389
## 10460	6zkw	3sjv 0.999023981
## 10461	6zkk	3sjv 1.012821404
## 10462	6zky	3sjv 0.999171682
## 10463	6zkz	3sjv 0.965745992
## 10464	7dzm	3sjv 1.080052558
## 10465	7dzn	3sjv 0.950362088
## 10466	7rm4	3sjv 0.614107941
## 10467	7rtr	3sjv 0.812122176
## 10468	7l1d	3sjv 1.073163328
## 10469	7sg0	3sjv 1.005362262
## 10470	7sg1	3sjv 0.763468424
## 10471	7sg2	3sjv 0.759680976
## 10472	7rrg	3sjv 0.909007379
## 10473	7n2s	3sjv 0.950390359
## 10474	7n2n	3sjv 0.942292945
## 10475	7n2o	3sjv 0.819788141
## 10476	7n2r	3sjv 0.932569895
## 10477	7n2p	3sjv 0.948160624
## 10478	7n2q	3sjv 0.608802884
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## 10480	8VCX	3sjv 1.565932095
## 10481	8VCY	3sjv 0.937608647
## 10482	8VD0	3sjv 0.685237503
## 10483	8VD2	3sjv 1.014196528
## 10484	6XCP	3sjv 1.621374755
## 10485	6XC0	3sjv 1.070662573
## 10486	6XC9	3sjv 0.684104706
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## 10488	1bd2	3uts 1.059919871
## 10489	1fyt	3uts 1.054048464
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## 10491	1mi5	3uts 1.079492647
## 10492	1oga	3uts 1.243332047
## 10493	1qrn	3uts 0.939518756
## 10494	1qse	3uts 0.845900224
## 10495	1qsf	3uts 0.940325798
## 10496	1zgl	3uts 0.961411184
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## 10498	2bnq	3uts 0.956325984
## 10499	2bnr	3uts 1.087151965
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## 10501	2f53	3uts 1.029284352
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## 10508	2p5w	3uts 1.030537622
## 10509	2pye	3uts 1.190225481
## 10510	2vlj	3uts 1.180180511
## 10511	2vlk	3uts 1.236422396
## 10512	2vlr	3uts 0.675552720
## 10513	2xn9	3uts 1.024946718
## 10514	2yp1	3uts 1.166413147
## 10515	3d39	3uts 1.043507736
## 10516	3d3v	3uts 1.202698566
## 10517	3dxa	3uts 0.959212104
## 10518	3ffc	3uts 1.278511012
## 10519	3gsn	3uts 1.013824876
## 10520	3h9s	3uts 1.044697751
## 10521	3hg1	3uts 0.949463343
## 10522	3kpr	3uts 0.828251459
## 10523	3kps	3uts 1.243660480
## 10524	3kxf	3uts 0.824208440
## 10525	3mv7	3uts 1.341114825
## 10526	3mv8	3uts 0.968768174
## 10527	3mv9	3uts 1.252755831
## 10528	3o4l	3uts 0.900594547
## 10529	3pwp	3uts 1.043635468
## 10530	3qdg	3uts 0.807117084
## 10531	3qdj	3uts 0.807411893
## 10532	3qdm	3uts 1.222359640
## 10533	3qeq	3uts 0.938798948
## 10534	3qfj	3uts 0.946727708
## 10535	3sjv	3uts 0.707928921
## 10536	3uts	3uts 0.000000000
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## 10538	3vxm	3uts 1.056147991
## 10539	3vxr	3uts 1.393314448
## 10540	3vxs	3uts 1.245983322
## 10541	4c56	3uts 0.773439525
## 10542	4e41	3uts 2.543188448
## 10543	4eup	3uts 0.824819281
## 10544	4ftv	3uts 1.234347624
## 10545	4g8g	3uts 1.571691806
## 10546	4g9f	3uts 1.033088228
## 10547	4gg6	3uts 1.225513367
## 10548	4jfd	3uts 0.944203471
## 10549	4jfe	3uts 0.944347448
## 10550	4jff	3uts 0.944497592
## 10551	4jrx	3uts 1.077043973
## 10552	4jry	3uts 1.395765037
## 10553	4l3e	3uts 1.268341351
## 10554	4mji	3uts 1.568284444
## 10555	4mnq	3uts 1.184787915
## 10556	4ozf	3uts 1.181202850
## 10557	4ozg	3uts 2.061529985

## 10558	4ozh	3uts 1.596492006
## 10559	4ozi	3uts 2.073739564
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## 10562	4prp	3uts 1.230776415
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## 10564	4qrp	3uts 0.968707719
## 10565	4y19	3uts 1.673668716
## 10566	4y1a	3uts 1.248721593
## 10567	4z7u	3uts 1.130673875
## 10568	4z7v	3uts 1.032814758
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## 10573	1ymm	3uts 1.458982883
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## 10575	2jcc	3uts 0.633642368
## 10576	2uwe	3uts 0.634741001
## 10577	2wbj	3uts 0.852987415
## 10578	3gjf	3uts 0.888436962
## 10579	3hae	3uts 0.820887120
## 10580	3nfj	3uts 0.798240392
## 10581	3o6f	3uts 0.814477696
## 10582	3pl6	3uts 1.162963984
## 10583	3t0e	3uts 1.115145127
## 10584	4euq	3uts 1.279932172
## 10585	4grl	3uts 0.932970336
## 10586	4h1l	3uts 1.207351992
## 10587	4may	3uts 1.289091812
## 10588	4p4k	3uts 0.689569102
## 10589	4qrr	3uts 1.225561142
## 10590	4wuu	3uts 1.173276981
## 10591	4zez	3uts 1.193814980
## 10592	5brz	3uts 1.249237091
## 10593	5bs0	3uts 1.890634311
## 10594	5c07	3uts 0.757516784
## 10595	5c08	3uts 0.843114671
## 10596	5c09	3uts 0.933517122
## 10597	5c0a	3uts 1.189652515
## 10598	5c0b	3uts 1.076999071
## 10599	5c0c	3uts 1.017141677
## 10600	5e6i	3uts 0.821387465
## 10601	5e9d	3uts 0.981412285
## 10602	5eu6	3uts 1.081607653
## 10603	5euo	3uts 4.800009733
## 10604	5hhm	3uts 0.705732311
## 10605	5hho	3uts 1.163220650
## 10606	5hyj	3uts 0.744442384
## 10607	5isz	3uts 1.036107736
## 10608	5jhd	3uts 0.671123986
## 10609	5jzi	3uts 1.193580423
## 10610	5ks9	3uts 1.236171030
## 10611	5ksa	3uts 1.237746692

## 10612	5ksb	3uts 0.976270353
## 10613	5men	3uts 1.184126321
## 10614	5nht	3uts 1.226270068
## 10615	5nme	3uts 0.581430246
## 10616	5nmf	3uts 0.588322409
## 10617	5nmg	3uts 0.703479546
## 10618	5nqk	3uts 1.234767911
## 10619	5tez	3uts 2.241146506
## 10620	5wlv	3uts 2.057906782
## 10621	5wlv	3uts 2.183539692
## 10622	5wkf	3uts 1.141703705
## 10623	5wkh	3uts 0.694911747
## 10624	5xot	3uts 1.411371109
## 10625	5xov	3uts 0.798240392
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## 10628	6am5	3uts 1.280928840
## 10629	6amu	3uts 1.186031935
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## 10632	6bj2	3uts 1.621617169
## 10633	6bj3	3uts 1.367729247
## 10634	6bj8	3uts 1.368556501
## 10635	6cql	3uts 1.219851142
## 10636	6cqn	3uts 1.890113463
## 10637	6cqq	3uts 1.335350666
## 10638	6cqr	3uts 0.982864418
## 10639	6d78	3uts 1.280396345
## 10640	6dfx	3uts 2.004473654
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## 10642	6dxh	3uts 1.207180807
## 10643	6eqa	3uts 0.951318052
## 10644	6eqb	3uts 0.946137168
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## 10646	6p64	3uts 1.689233452
## 10647	6px6	3uts 1.149224688
## 10648	6py2	3uts 0.996350604
## 10649	6q3s	3uts 1.151359542
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## 10654	6rsy	3uts 0.847817316
## 10655	6tmo	3uts 0.952283918
## 10656	6tro	3uts 1.108390342
## 10657	6u3n	3uts 1.086818981
## 10658	6u3o	3uts 1.469497932
## 10659	6uon	3uts 0.697062927
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## 10661	6vm8	3uts 1.205187440
## 10662	6vma	3uts 1.078451574
## 10663	6vmc	3uts 1.089619546
## 10664	6vmx	3uts 1.276984658
## 10665	6vqo	3uts 0.865945310

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## 10672	6xco	3uts 1.353321763
## 10673	6xcp	3uts 1.924545050
## 10674	6zkw	3uts 1.289196745
## 10675	6zkk	3uts 1.159413802
## 10676	6zky	3uts 1.290134253
## 10677	6zkz	3uts 1.300853753
## 10678	7dzm	3uts 1.164599237
## 10679	7dzn	3uts 1.068751514
## 10680	7rm4	3uts 0.901120758
## 10681	7rtr	3uts 1.001699309
## 10682	7l1d	3uts 1.302677588
## 10683	7sg0	3uts 1.316995199
## 10684	7sg1	3uts 1.140483663
## 10685	7sg2	3uts 1.137991828
## 10686	7rrg	3uts 0.915121882
## 10687	7n2s	3uts 0.925789150
## 10688	7n2n	3uts 0.917962642
## 10689	7n2o	3uts 1.108698998
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## 10691	7n2p	3uts 1.217249106
## 10692	7n2q	3uts 0.853924862
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## 10696	8VD0	3uts 0.870442740
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## 10723	2pye	3utt 0.959984940
## 10724	2vlj	3utt 1.226401771
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## 10729	3d39	3utt 0.671957658
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## 10732	3ffc	3utt 0.756253500
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## 10734	3h9s	3utt 0.672489711
## 10735	3hg1	3utt 0.847087605
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## 10738	3kxf	3utt 0.620068110
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## 10764	4jff	3utt 0.849004217
## 10765	4jrx	3utt 0.944096053
## 10766	4jry	3utt 0.873823809
## 10767	4l3e	3utt 0.694687964
## 10768	4mji	3utt 1.039216487
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## 10770	4ozf	3utt 1.206639163
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## 10778	4qrp	3utt 0.541612346
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## 10783	4z7w	3utt 0.692372372
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## 10818	5hhm	3utt 1.013287011
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## 10822	5jhd	3utt 0.898716093
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## 10824	5ks9	3utt 0.785504021
## 10825	5ksa	3utt 0.741193363
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## 10831	5nmg	3utt 0.676138382
## 10832	5nqk	3utt 0.978453312
## 10833	5tez	3utt 2.972535244
## 10834	5wlv	3utt 2.400255226
## 10835	5wlv	3utt 2.404414307
## 10836	5wkf	3utt 0.777855278
## 10837	5wkh	3utt 0.594596838
## 10838	5xot	3utt 0.861757627
## 10839	5xov	3utt 0.686436309
## 10840	5yxn	3utt 0.669511484
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## 10885	6xc9	3utt 1.051533884
## 10886	6xco	3utt 0.936433094
## 10887	6xcp	3utt 2.583306296
## 10888	6zkw	3utt 0.831778146
## 10889	6zxx	3utt 0.639785294
## 10890	6zky	3utt 0.832595625
## 10891	6zkz	3utt 0.755559562
## 10892	7dzm	3utt 1.157095673
## 10893	7dzn	3utt 0.718588230
## 10894	7rm4	3utt 0.925051122
## 10895	7rtr	3utt 0.970815912
## 10896	7l1d	3utt 0.504571372
## 10897	7sg0	3utt 0.919907333
## 10898	7sg1	3utt 0.979918337
## 10899	7sg2	3utt 0.969859496
## 10900	7rrg	3utt 0.809759895
## 10901	7n2s	3utt 0.725602648
## 10902	7n2n	3utt 0.716190538
## 10903	7n2o	3utt 1.018612013
## 10904	7n2r	3utt 1.096011778
## 10905	7n2p	3utt 0.905453642
## 10906	7n2q	3utt 0.836637323
## 10907	8cx4	3utt 0.931164209
## 10908	8VCX	3utt 2.096578025
## 10909	8VCY	3utt 0.872184747
## 10910	8VD0	3utt 0.677703054
## 10911	8VD2	3utt 0.717904470
## 10912	6XCP	3utt 2.583641053
## 10913	6XC0	3utt 0.936339004
## 10914	6XC9	3utt 1.051938695
## 10915	1ao7	3vxm 1.245701818
## 10916	1bd2	3vxm 0.616791362
## 10917	1fyt	3vxm 0.966047613
## 10918	1j8h	3vxm 1.399071164
## 10919	1mi5	3vxm 1.201446814
## 10920	1oga	3vxm 0.946613123
## 10921	1qrn	3vxm 1.266474759
## 10922	1qse	3vxm 1.309691575
## 10923	1qsf	3vxm 1.260400432
## 10924	1zgl	3vxm 1.023074256
## 10925	2ak4	3vxm 0.795040058
## 10926	2bnq	3vxm 0.974651444
## 10927	2bnr	3vxm 0.870166639
## 10928	2esv	3vxm 1.216842436
## 10929	2f53	3vxm 0.407889798
## 10930	2f54	3vxm 1.181667048
## 10931	2gj6	3vxm 1.335483953
## 10932	2iam	3vxm 3.179954164
## 10933	2ian	3vxm 0.935604653
## 10934	2nx5	3vxm 0.714506979
## 10935	2p5e	3vxm 0.398988879

## 10936	2p5w	3vxm 0.399517478
## 10937	2pye	3vxm 0.361363866
## 10938	2vlj	3vxm 0.844401476
## 10939	2vlk	3vxm 1.929784445
## 10940	2vlr	3vxm 0.704574446
## 10941	2xn9	3vxm 0.881420109
## 10942	2yp1	3vxm 0.991384372
## 10943	3d39	3vxm 0.985426289
## 10944	3d3v	3vxm 0.880851807
## 10945	3dxa	3vxm 0.921776145
## 10946	3ffc	3vxm 1.275629649
## 10947	3gsn	3vxm 0.852285243
## 10948	3h9s	3vxm 0.984428350
## 10949	3hg1	3vxm 0.949821133
## 10950	3kpr	3vxm 0.564953791
## 10951	3kps	3vxm 0.573631659
## 10952	3kxf	3vxm 0.844813597
## 10953	3mv7	3vxm 1.007662269
## 10954	3mv8	3vxm 0.958024576
## 10955	3mv9	3vxm 1.206414550
## 10956	3o41	3vxm 0.950044016
## 10957	3pwp	3vxm 0.986667227
## 10958	3qdg	3vxm 1.191741227
## 10959	3qdj	3vxm 1.191546264
## 10960	3qdm	3vxm 1.722341587
## 10961	3qeq	3vxm 0.884431029
## 10962	3qfj	3vxm 0.913569351
## 10963	3sjv	3vxm 0.860793376
## 10964	3uts	3vxm 1.056147991
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## 10966	3vxm	3vxm 0.000000000
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## 10968	3vxs	3vxm 0.447339872
## 10969	4c56	3vxm 0.754741818
## 10970	4e41	3vxm 4.219379228
## 10971	4eup	3vxm 0.721708496
## 10972	4ftv	3vxm 0.688155319
## 10973	4g8g	3vxm 1.200894735
## 10974	4g9f	3vxm 0.940560722
## 10975	4gg6	3vxm 1.175604394
## 10976	4jfd	3vxm 0.952874499
## 10977	4jfe	3vxm 0.953962020
## 10978	4jff	3vxm 0.954418223
## 10979	4jrx	3vxm 0.493037001
## 10980	4jry	3vxm 0.898021430
## 10981	4l3e	3vxm 0.907227871
## 10982	4mji	3vxm 1.930329001
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## 10984	4ozf	3vxm 1.103632432
## 10985	4ozg	3vxm 3.267844294
## 10986	4ozh	3vxm 2.192656527
## 10987	4ozi	3vxm 3.304729140
## 10988	4prh	3vxm 0.801785454
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## 10993	4y19	3vxm 1.335009423
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## 11011	3t0e	3vxm 1.039770398
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## 11015	4may	3vxm 0.901718220
## 11016	4p4k	3vxm 0.810577280
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## 11021	5bs0	3vxm 2.896594074
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## 11025	5c0a	3vxm 1.313623553
## 11026	5c0b	3vxm 1.110371518
## 11027	5c0c	3vxm 1.290551036
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## 11029	5e9d	3vxm 0.599750562
## 11030	5eu6	3vxm 1.123735250
## 11031	5euo	3vxm 7.226219051
## 11032	5hhm	3vxm 1.290513498
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## 11040	5ksb	3vxm 0.682823038
## 11041	5men	3vxm 0.938621794
## 11042	5nht	3vxm 0.870341671
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## 11044	5nmf	3vxm 0.908670745
## 11045	5nmg	3vxm 0.890491291
## 11046	5nqk	3vxm 0.879120095
## 11047	5tez	3vxm 3.262800894
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## 11049	5w1w	3vxm 3.326184216
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## 11072	6eqb	3vxm 0.950270699
## 11073	6mtm	3vxm 0.901845221
## 11074	6p64	3vxm 2.836711434
## 11075	6px6	3vxm 0.663934780
## 11076	6py2	3vxm 0.918431934
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## 11086	6u3o	3vxm 1.780417071
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## 11088	6vm7	3vxm 0.807178599
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## 11091	6vmc	3vxm 1.398704501
## 11092	6vmx	3vxm 0.977090987
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## 11104	6zky	3vxm 0.817445660
## 11105	6zkz	3vxm 0.725021367
## 11106	7dzm	3vxm 1.527357761
## 11107	7dzn	3vxm 1.100641068
## 11108	7rm4	3vxm 1.167563640
## 11109	7rtr	3vxm 0.632812672
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## 11111	7sg0	3vxm 1.406776251
## 11112	7sg1	3vxm 0.992399017
## 11113	7sg2	3vxm 0.982602762
## 11114	7rrg	3vxm 0.840791915
## 11115	7n2s	3vxm 0.942106855
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## 11121	8cx4	3vxm 0.554610086
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## 11143	2f53	3vxr 1.026887252
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## 11145	2gj6	3vxr 1.539920577
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## 11306	6vmx	3vvr 1.046151504
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## 11311	7n1f	3vvr 0.861779390
## 11312	7n6e	3vvr 0.973466160
## 11313	6xc9	3vvr 1.152044049

## 11314	6xco	3vvr 0.686232742
## 11315	6xcp	3vvr 3.340503756
## 11316	6zkw	3vvr 0.835889658
## 11317	6zkk	3vvr 0.844988449
## 11318	6zky	3vvr 0.833545230
## 11319	6zkz	3vvr 0.857679899
## 11320	7dzm	3vvr 1.465768186
## 11321	7dzn	3vvr 0.947826922
## 11322	7rm4	3vvr 1.268969409
## 11323	7rtr	3vvr 1.085952730
## 11324	7l1d	3vvr 0.749700721
## 11325	7sg0	3vvr 1.503145875
## 11326	7sg1	3vvr 1.017031106
## 11327	7sg2	3vvr 1.005215020
## 11328	7rrg	3vvr 1.197045478
## 11329	7n2s	3vvr 1.083546052
## 11330	7n2n	3vvr 1.089861191
## 11331	7n2o	3vvr 1.029060990
## 11332	7n2r	3vvr 1.146704419
## 11333	7n2p	3vvr 0.843671246
## 11334	7n2q	3vvr 1.074017237
## 11335	8cx4	3vvr 0.906956427
## 11336	8VCX	3vvr 2.819472831
## 11337	8VCY	3vvr 1.011564147
## 11338	8VD0	3vvr 0.822328423
## 11339	8VD2	3vvr 1.178409336
## 11340	6XCP	3vvr 3.340694328
## 11341	6XC0	3vvr 0.686617533
## 11342	6XC9	3vvr 1.151994560
## 11343	1ao7	3vxs 1.481379037
## 11344	1bd2	3vxs 0.847733109
## 11345	1fyt	3vxs 1.154988228
## 11346	1j8h	3vxs 1.605768696
## 11347	1mi5	3vxs 1.353543442
## 11348	1oga	3vxs 0.947207237
## 11349	1qrn	3vxs 1.510123095
## 11350	1qse	3vxs 1.521687184
## 11351	1qsf	3vxs 1.502107760
## 11352	1zgl	3vxs 0.962330313
## 11353	2ak4	3vxs 0.782870171
## 11354	2bnq	3vxs 1.058576773
## 11355	2bnr	3vxs 0.845172284
## 11356	2esv	3vxs 1.401398706
## 11357	2f53	3vxs 0.623586231
## 11358	2f54	3vxs 1.323345733
## 11359	2gj6	3vxs 1.543973101
## 11360	2iam	3vxs 3.452956239
## 11361	2ian	3vxs 0.902275063
## 11362	2nx5	3vxs 0.732358518
## 11363	2p5e	3vxs 0.614994988
## 11364	2p5w	3vxs 0.616903428
## 11365	2pye	3vxs 0.367169554
## 11366	2vlj	3vxs 0.895983302
## 11367	2vlk	3vxs 2.190550132

## 11368	2v1r	3vxs 0.917846428
## 11369	2xn9	3vxs 0.917733780
## 11370	2yp1	3vxs 0.933705585
## 11371	3d39	3vxs 1.077443903
## 11372	3d3v	3vxs 0.901880519
## 11373	3dxa	3vxs 0.961643299
## 11374	3ffc	3vxs 1.232457085
## 11375	3gsn	3vxs 0.969965536
## 11376	3h9s	3vxs 1.075447334
## 11377	3hg1	3vxs 1.103567378
## 11378	3kpr	3vxs 0.565656517
## 11379	3kps	3vxs 0.460852526
## 11380	3kxf	3vxs 0.826084208
## 11381	3mv7	3vxs 0.888933502
## 11382	3mv8	3vxs 1.144952915
## 11383	3mv9	3vxs 1.222871546
## 11384	3o4l	3vxs 1.219071860
## 11385	3pwp	3vxs 1.078435673
## 11386	3qdg	3vxs 1.417955385
## 11387	3qdj	3vxs 1.418185359
## 11388	3qdm	3vxs 1.879531264
## 11389	3qeq	3vxs 1.046607575
## 11390	3qfj	3vxs 1.048311299
## 11391	3sjv	3vxs 0.928879278
## 11392	3uts	3vxs 1.245983322
## 11393	3utt	3vxs 0.984374202
## 11394	3vxm	3vxs 0.447339872
## 11395	3vxr	3vxs 1.028041881
## 11396	3vxs	3vxs 0.000000000
## 11397	4c56	3vxs 0.730907045
## 11398	4e41	3vxs 4.323856115
## 11399	4eup	3vxs 0.689805957
## 11400	4ftv	3vxs 0.629404033
## 11401	4g8g	3vxs 1.057501771
## 11402	4g9f	3vxs 1.006963064
## 11403	4gg6	3vxs 1.190327929
## 11404	4jfd	3vxs 1.110649918
## 11405	4jfe	3vxs 1.110175021
## 11406	4jff	3vxs 1.110397068
## 11407	4jrx	3vxs 0.613217235
## 11408	4jry	3vxs 0.679589849
## 11409	4l3e	3vxs 0.773436527
## 11410	4mji	3vxs 1.889636834
## 11411	4mnq	3vxs 1.025305475
## 11412	4ozf	3vxs 1.178114630
## 11413	4ozg	3vxs 3.397268148
## 11414	4ozh	3vxs 2.197856978
## 11415	4ozi	3vxs 3.428828863
## 11416	4prh	3vxs 0.822597383
## 11417	4pri	3vxs 1.041817315
## 11418	4prp	3vxs 0.791143914
## 11419	4qok	3vxs 1.366017804
## 11420	4qrp	3vxs 0.796094148
## 11421	4y19	3vxs 1.083550606

## 11422	4y1a	3vxs 0.890010942
## 11423	4z7u	3vxs 1.765814106
## 11424	4z7v	3vxs 1.366106154
## 11425	4z7w	3vxs 0.748933579
## 11426	5d2l	3vxs 1.112710044
## 11427	5d2n	3vxs 0.556810992
## 11428	1lp9	3vxs 0.793208282
## 11429	1ymm	3vxs 1.220129714
## 11430	2j8u	3vxs 0.792551310
## 11431	2jcc	3vxs 0.794099116
## 11432	2uwe	3vxs 0.792175703
## 11433	2wbj	3vxs 1.098250775
## 11434	3gjf	3vxs 0.834651237
## 11435	3hae	3vxs 1.049779979
## 11436	3nfj	3vxs 0.921414991
## 11437	3o6f	3vxs 0.727751180
## 11438	3pl6	3vxs 1.419577338
## 11439	3t0e	3vxs 1.110635150
## 11440	4euq	3vxs 1.198614123
## 11441	4grl	3vxs 0.993344921
## 11442	4h1l	3vxs 1.313199030
## 11443	4may	3vxs 0.965911542
## 11444	4p4k	3vxs 0.912764369
## 11445	4qrr	3vxs 1.098521459
## 11446	4wuu	3vxs 0.835472765
## 11447	4zez	3vxs 1.233788585
## 11448	5brz	3vxs 2.390955283
## 11449	5bs0	3vxs 3.095333961
## 11450	5c07	3vxs 1.169736526
## 11451	5c08	3vxs 0.863317097
## 11452	5c09	3vxs 0.995109801
## 11453	5c0a	3vxs 1.370151746
## 11454	5c0b	3vxs 1.182001091
## 11455	5c0c	3vxs 1.316408894
## 11456	5e6i	3vxs 1.266823381
## 11457	5e9d	3vxs 0.547552786
## 11458	5eu6	3vxs 1.297878956
## 11459	5euo	3vxs 7.311294298
## 11460	5hhm	3vxs 1.439395155
## 11461	5hho	3vxs 0.781845985
## 11462	5hyj	3vxs 1.118784553
## 11463	5isz	3vxs 1.241746256
## 11464	5jhd	3vxs 1.372429439
## 11465	5jzi	3vxs 1.232908646
## 11466	5ks9	3vxs 1.351194963
## 11467	5ksa	3vxs 0.869220506
## 11468	5ksb	3vxs 0.679988027
## 11469	5men	3vxs 1.023445184
## 11470	5nht	3vxs 0.750384493
## 11471	5nme	3vxs 1.441637749
## 11472	5nmf	3vxs 1.081485623
## 11473	5nmg	3vxs 0.948526724
## 11474	5nqk	3vxs 0.751589608
## 11475	5tez	3vxs 3.374453316

## 11476	5w1v	3vxs 3.155449328
## 11477	5w1w	3vxs 3.404797469
## 11478	5wkf	3vxs 0.644647718
## 11479	5wkh	3vxs 0.909883983
## 11480	5xot	3vxs 0.769259579
## 11481	5xov	3vxs 0.921414991
## 11482	5yxn	3vxs 1.045165371
## 11483	5yxu	3vxs 0.812889504
## 11484	6am5	3vxs 0.771707467
## 11485	6amu	3vxs 0.829698886
## 11486	6avf	3vxs 1.616469481
## 11487	6avg	3vxs 0.834001309
## 11488	6bj2	3vxs 1.485655642
## 11489	6bj3	3vxs 1.025138630
## 11490	6bj8	3vxs 1.030075294
## 11491	6cql	3vxs 1.206007728
## 11492	6cqn	3vxs 3.114108593
## 11493	6cqq	3vxs 1.661733275
## 11494	6cqr	3vxs 0.858968231
## 11495	6d78	3vxs 0.777550813
## 11496	6dfx	3vxs 3.303694124
## 11497	6dkp	3vxs 0.772770010
## 11498	6dxl	3vxs 2.137459260
## 11499	6eqa	3vxs 1.109323855
## 11500	6eqb	3vxs 1.106972422
## 11501	6mtm	3vxs 0.959224829
## 11502	6p64	3vxs 2.987802788
## 11503	6px6	3vxs 0.781144028
## 11504	6py2	3vxs 1.137325864
## 11505	6q3s	3vxs 1.195411939
## 11506	6r2l	3vxs 1.034058912
## 11507	6rp9	3vxs 0.980725745
## 11508	6rpa	3vxs 0.676324832
## 11509	6rpb	3vxs 1.071563561
## 11510	6rsy	3vxs 0.851534543
## 11511	6tmo	3vxs 0.863347441
## 11512	6tro	3vxs 1.595503362
## 11513	6u3n	3vxs 0.938972438
## 11514	6u3o	3vxs 1.775224107
## 11515	6uon	3vxs 1.159224555
## 11516	6vm7	3vxs 0.788999964
## 11517	6vm8	3vxs 0.771386465
## 11518	6vma	3vxs 1.111671577
## 11519	6vmc	3vxs 1.518166792
## 11520	6vmx	3vxs 0.855463471
## 11521	6vqo	3vxs 0.902010740
## 11522	6vrm	3vxs 1.744675658
## 11523	6vrn	3vxs 1.072914864
## 11524	7n1e	3vxs 0.900298937
## 11525	7n1f	3vxs 0.975847292
## 11526	7n6e	3vxs 0.711212001
## 11527	6xc9	3vxs 0.781390243
## 11528	6xco	3vxs 1.044831929
## 11529	6xcp	3vxs 3.189158692

## 11530	6zkw	3vxs 0.635249375
## 11531	6zqx	3vxs 1.008138668
## 11532	6zky	3vxs 0.634491362
## 11533	6zkz	3vxs 0.594619098
## 11534	7dzm	3vxs 1.743788601
## 11535	7dzn	3vxs 1.199307491
## 11536	7rm4	3vxs 1.160707816
## 11537	7rtr	3vxs 0.843722433
## 11538	7l1d	3vxs 1.146930285
## 11539	7sg0	3vxs 1.407558691
## 11540	7sg1	3vxs 0.981667410
## 11541	7sg2	3vxs 0.965500416
## 11542	7rrg	3vxs 1.003820314
## 11543	7n2s	3vxs 1.060079242
## 11544	7n2n	3vxs 1.056074171
## 11545	7n2o	3vxs 0.647717137
## 11546	7n2r	3vxs 0.575798615
## 11547	7n2p	3vxs 0.854576404
## 11548	7n2q	3vxs 0.903549859
## 11549	8cx4	3vxs 0.659330634
## 11550	8VCX	3vxs 2.827501187
## 11551	8VCY	3vxs 1.009605300
## 11552	8VD0	3vxs 0.830964143
## 11553	8VD2	3vxs 1.095806740
## 11554	6XCP	3vxs 3.189387867
## 11555	6XC0	3vxs 1.044151758
## 11556	6XC9	3vxs 0.778399350
## 11557	1ao7	4c56 0.976295870
## 11558	1bd2	4c56 0.789799317
## 11559	1fyt	4c56 0.852617561
## 11560	1j8h	4c56 0.927303370
## 11561	1mi5	4c56 0.720472120
## 11562	1oga	4c56 0.705743737
## 11563	1qrn	4c56 1.006101598
## 11564	1qse	4c56 0.952375147
## 11565	1qsf	4c56 1.000492691
## 11566	1zgl	4c56 0.635806494
## 11567	2ak4	4c56 0.578644257
## 11568	2bnq	4c56 0.637565504
## 11569	2bnr	4c56 0.563098054
## 11570	2esv	4c56 0.946234985
## 11571	2f53	4c56 0.740256300
## 11572	2f54	4c56 0.957755353
## 11573	2gj6	4c56 0.905333223
## 11574	2iam	4c56 2.185825223
## 11575	2ian	4c56 0.564747407
## 11576	2nx5	4c56 0.535013444
## 11577	2p5e	4c56 0.737665313
## 11578	2p5w	4c56 0.739629572
## 11579	2pye	4c56 0.725250750
## 11580	2vlj	4c56 0.853988815
## 11581	2vlk	4c56 1.394616866
## 11582	2vlr	4c56 0.745127134
## 11583	2xn9	4c56 0.626372843

## 11584	2yp1	4c56 0.620514848
## 11585	3d39	4c56 0.607761671
## 11586	3d3v	4c56 0.725564846
## 11587	3dxa	4c56 0.794633739
## 11588	3ffc	4c56 0.768541321
## 11589	3gsn	4c56 0.619198820
## 11590	3h9s	4c56 0.607520316
## 11591	3hg1	4c56 0.709363815
## 11592	3kpr	4c56 0.567418859
## 11593	3kps	4c56 0.697257926
## 11594	3kxf	4c56 0.594585346
## 11595	3mv7	4c56 0.736042225
## 11596	3mv8	4c56 0.736560989
## 11597	3mv9	4c56 0.854687263
## 11598	3o4l	4c56 0.848466347
## 11599	3pwp	4c56 0.607527799
## 11600	3qdg	4c56 0.956317302
## 11601	3qdj	4c56 0.956624400
## 11602	3qdm	4c56 1.323521715
## 11603	3qeq	4c56 0.674695979
## 11604	3qfj	4c56 0.677402312
## 11605	3sjv	4c56 0.690508393
## 11606	3uts	4c56 0.773439525
## 11607	3utt	4c56 0.569456824
## 11608	3vxm	4c56 0.754741818
## 11609	3vxr	4c56 0.673257932
## 11610	3vxs	4c56 0.730907045
## 11611	4c56	4c56 0.000000000
## 11612	4e41	4c56 2.680133602
## 11613	4eup	4c56 0.568291942
## 11614	4ftv	4c56 0.697613609
## 11615	4g8g	4c56 0.841358416
## 11616	4g9f	4c56 0.583084094
## 11617	4gg6	4c56 0.797980924
## 11618	4jfd	4c56 0.713209561
## 11619	4jfe	4c56 0.711016193
## 11620	4jff	4c56 0.710637942
## 11621	4jrx	4c56 0.735497484
## 11622	4jry	4c56 0.684203000
## 11623	4l3e	4c56 0.577864163
## 11624	4mji	4c56 1.188217626
## 11625	4mnq	4c56 0.813460408
## 11626	4ozf	4c56 0.806054940
## 11627	4ozg	4c56 2.171511525
## 11628	4ozh	4c56 1.480483146
## 11629	4ozi	4c56 2.139995137
## 11630	4prh	4c56 0.727031332
## 11631	4pri	4c56 0.836493304
## 11632	4prp	4c56 0.717727120
## 11633	4qok	4c56 0.815018672
## 11634	4qrp	4c56 0.559600811
## 11635	4y19	4c56 0.822433198
## 11636	4y1a	4c56 0.708913240
## 11637	4z7u	4c56 1.131823640

## 11638	4z7v	4c56 0.946823383
## 11639	4z7w	4c56 0.580664105
## 11640	5d2l	4c56 0.705798581
## 11641	5d2n	4c56 0.508099607
## 11642	1lp9	4c56 0.633045125
## 11643	1ymm	4c56 0.748955878
## 11644	2j8u	4c56 0.633850903
## 11645	2jcc	4c56 0.634025795
## 11646	2uwe	4c56 0.633289391
## 11647	2wbj	4c56 0.748919792
## 11648	3gjf	4c56 0.639372033
## 11649	3hae	4c56 0.744846239
## 11650	3nfj	4c56 0.615503992
## 11651	3o6f	4c56 0.607209411
## 11652	3pl6	4c56 0.792993394
## 11653	3t0e	4c56 0.687924248
## 11654	4euq	4c56 0.747069161
## 11655	4grl	4c56 0.635419519
## 11656	4h1l	4c56 0.953986188
## 11657	4may	4c56 0.795058553
## 11658	4p4k	4c56 0.461124121
## 11659	4qrr	4c56 0.713910494
## 11660	4wuu	4c56 0.635627666
## 11661	4zez	4c56 0.880932691
## 11662	5brz	4c56 1.652165528
## 11663	5bs0	4c56 2.152636349
## 11664	5c07	4c56 0.749100570
## 11665	5c08	4c56 0.631067850
## 11666	5c09	4c56 0.575087914
## 11667	5c0a	4c56 0.940852020
## 11668	5c0b	4c56 0.760699381
## 11669	5c0c	4c56 0.905143331
## 11670	5e6i	4c56 0.751058309
## 11671	5e9d	4c56 0.650012200
## 11672	5eu6	4c56 0.719903625
## 11673	5euo	4c56 4.622961627
## 11674	5hhm	4c56 0.919554566
## 11675	5hho	4c56 0.688658918
## 11676	5hyj	4c56 0.657340970
## 11677	5isz	4c56 0.761094936
## 11678	5jhd	4c56 0.887816254
## 11679	5jzi	4c56 0.880496076
## 11680	5ks9	4c56 0.868154990
## 11681	5ksa	4c56 0.564540510
## 11682	5ksb	4c56 0.571543961
## 11683	5men	4c56 0.812772850
## 11684	5nht	4c56 0.665993831
## 11685	5nme	4c56 0.877830972
## 11686	5nmf	4c56 0.773927679
## 11687	5nmg	4c56 0.585296574
## 11688	5nqk	4c56 0.667317249
## 11689	5tez	4c56 2.353163503
## 11690	5w1v	4c56 2.028523478
## 11691	5w1w	4c56 2.172866585

## 11692	5wkf	4c56 0.606246815
## 11693	5wkh	4c56 0.486833118
## 11694	5xot	4c56 0.742005881
## 11695	5xov	4c56 0.615503992
## 11696	5yxn	4c56 0.587425386
## 11697	5yxu	4c56 0.656264153
## 11698	6am5	4c56 0.583586752
## 11699	6amu	4c56 0.620757240
## 11700	6avf	4c56 1.111300008
## 11701	6avg	4c56 0.601136534
## 11702	6bj2	4c56 1.116581118
## 11703	6bj3	4c56 0.852872193
## 11704	6bj8	4c56 0.855178907
## 11705	6cql	4c56 0.716720151
## 11706	6cqn	4c56 1.933946796
## 11707	6cqq	4c56 1.089485116
## 11708	6cqr	4c56 0.690492998
## 11709	6d78	4c56 0.585078277
## 11710	6dfx	4c56 1.990439805
## 11711	6dkp	4c56 0.578996003
## 11712	6dxh	4c56 1.414167799
## 11713	6eqa	4c56 0.711958006
## 11714	6eqb	4c56 0.711464293
## 11715	6mtm	4c56 0.566100094
## 11716	6p64	4c56 1.849567515
## 11717	6px6	4c56 0.734241798
## 11718	6py2	4c56 0.830780762
## 11719	6q3s	4c56 0.627616026
## 11720	6r2l	4c56 0.833651932
## 11721	6rp9	4c56 0.701688234
## 11722	6rpa	4c56 0.657737295
## 11723	6rpb	4c56 0.719914181
## 11724	6rsy	4c56 0.498327647
## 11725	6tmo	4c56 0.823357044
## 11726	6tro	4c56 1.040427928
## 11727	6u3n	4c56 0.718840586
## 11728	6u3o	4c56 1.279128489
## 11729	6uon	4c56 0.691933502
## 11730	6vm7	4c56 0.628411006
## 11731	6vm8	4c56 0.616463206
## 11732	6vma	4c56 0.750661473
## 11733	6vmc	4c56 0.828102073
## 11734	6vmx	4c56 0.693694952
## 11735	6vqo	4c56 0.630759685
## 11736	6vrm	4c56 1.321323097
## 11737	6vrn	4c56 0.557233600
## 11738	7n1e	4c56 0.811797449
## 11739	7n1f	4c56 0.756303275
## 11740	7n6e	4c56 0.641297155
## 11741	6xc9	4c56 0.701479030
## 11742	6xco	4c56 0.816084721
## 11743	6xcp	4c56 2.103190247
## 11744	6zkw	4c56 0.664509727
## 11745	6zxx	4c56 0.626440432

## 11746	6zky	4c56	0.664783573
## 11747	6zkz	4c56	0.652895818
## 11748	7dzm	4c56	1.021359009
## 11749	7dzn	4c56	0.679988204
## 11750	7rm4	4c56	0.752081245
## 11751	7rtr	4c56	0.769367335
## 11752	7l1d	4c56	0.638054489
## 11753	7sg0	4c56	0.923525927
## 11754	7sg1	4c56	0.797786277
## 11755	7sg2	4c56	0.786519191
## 11756	7rrg	4c56	0.687758160
## 11757	7n2s	4c56	0.625623205
## 11758	7n2n	4c56	0.619846922
## 11759	7n2o	4c56	0.751280359
## 11760	7n2r	4c56	0.774954187
## 11761	7n2p	4c56	0.609941358
## 11762	7n2q	4c56	0.623215486
## 11763	8cx4	4c56	0.713759612
## 11764	8VCX	4c56	1.782429949
## 11765	8VCY	4c56	0.633288325
## 11766	8VD0	4c56	0.666337346
## 11767	8VD2	4c56	0.804660910
## 11768	6XCP	4c56	2.104078553
## 11769	6XC0	4c56	0.815782597
## 11770	6XC9	4c56	0.702113478
## 11771	1ao7	4e41	4.190545934
## 11772	1bd2	4e41	4.208480112
## 11773	1fyt	4e41	3.961562275
## 11774	1j8h	4e41	3.796470146
## 11775	1mi5	4e41	4.046621550
## 11776	1oga	4e41	4.125223976
## 11777	1qrn	4e41	3.810693708
## 11778	1qse	4e41	3.791629044
## 11779	1qsf	4e41	3.813677763
## 11780	1zgl	4e41	2.290767849
## 11781	2ak4	4e41	2.270420911
## 11782	2bnq	4e41	4.032628897
## 11783	2bnr	4e41	4.211062908
## 11784	2esv	4e41	3.902948391
## 11785	2f53	4e41	4.120502984
## 11786	2f54	4e41	2.803235861
## 11787	2gj6	4e41	3.811938375
## 11788	2iam	4e41	4.737320706
## 11789	2ian	4e41	2.115759237
## 11790	2nx5	4e41	2.019181435
## 11791	2p5e	4e41	4.126299681
## 11792	2p5w	4e41	4.128144305
## 11793	2pye	4e41	4.311082943
## 11794	2vlj	4e41	4.244812729
## 11795	2vlk	4e41	3.658941404
## 11796	2vlr	4e41	2.827366136
## 11797	2xn9	4e41	3.704004776
## 11798	2ypl	4e41	4.234497778
## 11799	3d39	4e41	4.079740495

## 11800	3d3v	4e41 4.080426651
## 11801	3dxa	4e41 2.692316692
## 11802	3ffc	4e41 3.289789729
## 11803	3gsn	4e41 4.121444472
## 11804	3h9s	4e41 4.081142373
## 11805	3hg1	4e41 4.000727849
## 11806	3kpr	4e41 3.020229353
## 11807	3kps	4e41 4.265569942
## 11808	3kxf	4e41 2.107956005
## 11809	3mv7	4e41 4.194138081
## 11810	3mv8	4e41 4.188053975
## 11811	3mv9	4e41 3.981769909
## 11812	3o4l	4e41 4.123876555
## 11813	3pwp	4e41 4.079572476
## 11814	3qdg	4e41 3.900448177
## 11815	3qdj	4e41 3.902581846
## 11816	3qdm	4e41 4.227035544
## 11817	3qeq	4e41 4.148124967
## 11818	3qfj	4e41 4.063825420
## 11819	3sjv	4e41 1.980647946
## 11820	3uts	4e41 2.543188448
## 11821	3utt	4e41 2.962820979
## 11822	3vxm	4e41 4.219379228
## 11823	3vxr	4e41 4.387397323
## 11824	3vxs	4e41 4.323856115
## 11825	4c56	4e41 2.680133602
## 11826	4e41	4e41 0.000000000
## 11827	4eup	4e41 2.921204500
## 11828	4ftv	4e41 4.333086303
## 11829	4g8g	4e41 4.433220670
## 11830	4g9f	4e41 4.097178792
## 11831	4gg6	4e41 3.400200138
## 11832	4jfd	4e41 3.990971077
## 11833	4jfe	4e41 3.990237859
## 11834	4jff	4e41 3.990100605
## 11835	4jrx	4e41 4.161881554
## 11836	4jry	4e41 4.340369822
## 11837	4l3e	4e41 4.349606862
## 11838	4mji	4e41 3.185691012
## 11839	4mnq	4e41 4.074903799
## 11840	4ozf	4e41 4.432092131
## 11841	4ozg	4e41 2.667831793
## 11842	4ozh	4e41 3.257607339
## 11843	4ozi	4e41 2.566873190
## 11844	4prh	4e41 4.411745924
## 11845	4pri	4e41 4.269724528
## 11846	4prp	4e41 4.290978085
## 11847	4qok	4e41 3.963061211
## 11848	4qrp	4e41 2.651651889
## 11849	4y19	4e41 4.561499989
## 11850	4y1a	4e41 4.292392092
## 11851	4z7u	4e41 2.840109947
## 11852	4z7v	4e41 3.233589230
## 11853	4z7w	4e41 2.957094196

## 11854	5d2l	4e41 2.017433574
## 11855	5d2n	4e41 2.961609864
## 11856	1lp9	4e41 2.865531004
## 11857	lymm	4e41 4.844280327
## 11858	2j8u	4e41 2.866149377
## 11859	2jcc	4e41 2.864724882
## 11860	2uwe	4e41 2.866348165
## 11861	2wbj	4e41 2.760326846
## 11862	3gjf	4e41 2.982252259
## 11863	3hae	4e41 2.114742219
## 11864	3nfj	4e41 2.828131468
## 11865	3o6f	4e41 2.752557093
## 11866	3pl6	4e41 4.157878948
## 11867	3t0e	4e41 3.637895071
## 11868	4euq	4e41 3.353786719
## 11869	4grl	4e41 4.210966299
## 11870	4h1l	4e41 3.830806601
## 11871	4may	4e41 4.323211256
## 11872	4p4k	4e41 2.831503513
## 11873	4qrr	4e41 4.254172344
## 11874	4wuu	4e41 4.286792320
## 11875	4zez	4e41 3.387438191
## 11876	5brz	4e41 3.731265600
## 11877	5bs0	4e41 4.180167335
## 11878	5c07	4e41 2.892515343
## 11879	5c08	4e41 2.990988698
## 11880	5c09	4e41 2.957751622
## 11881	5c0a	4e41 3.023039456
## 11882	5c0b	4e41 2.997104413
## 11883	5c0c	4e41 3.036673082
## 11884	5e6i	4e41 1.860032571
## 11885	5e9d	4e41 3.450430614
## 11886	5eu6	4e41 4.153024316
## 11887	5euo	4e41 4.599733156
## 11888	5hhm	4e41 2.626622598
## 11889	5hho	4e41 4.433990382
## 11890	5hyj	4e41 2.806037679
## 11891	5isz	4e41 4.018452400
## 11892	5jhd	4e41 2.747219631
## 11893	5jzi	4e41 3.388088184
## 11894	5ks9	4e41 3.060931553
## 11895	5ksa	4e41 4.346577616
## 11896	5ksb	4e41 3.148947522
## 11897	5men	4e41 4.074883904
## 11898	5nht	4e41 4.371669058
## 11899	5nme	4e41 2.433902181
## 11900	5nmf	4e41 2.832801693
## 11901	5nmg	4e41 2.830874653
## 11902	5nqk	4e41 4.375178840
## 11903	5tez	4e41 4.516938947
## 11904	5w1v	4e41 2.607276737
## 11905	5w1w	4e41 2.763155409
## 11906	5wkf	4e41 3.231558656
## 11907	5wkh	4e41 2.833277432

## 11908	5xot	4e41 4.410609387
## 11909	5xov	4e41 2.828131468
## 11910	5yxn	4e41 4.302254449
## 11911	5yxu	4e41 2.872212963
## 11912	6am5	4e41 4.378561124
## 11913	6amu	4e41 4.382332323
## 11914	6avf	4e41 4.731679006
## 11915	6avg	4e41 3.252070311
## 11916	6bj2	4e41 4.326313380
## 11917	6bj3	4e41 4.439418004
## 11918	6bj8	4e41 4.448897902
## 11919	6cql	4e41 4.329131525
## 11920	6cqn	4e41 4.564915743
## 11921	6cqq	4e41 3.154190646
## 11922	6cqr	4e41 3.236280119
## 11923	6d78	4e41 4.395985575
## 11924	6dfx	4e41 2.545907790
## 11925	6dkp	4e41 4.370272717
## 11926	6dx f	4e41 3.958234390
## 11927	6eqa	4e41 4.002084536
## 11928	6eqb	4e41 3.998965665
## 11929	6mtm	4e41 4.272684668
## 11930	6p64	4e41 2.537036952
## 11931	6px6	4e41 4.214935326
## 11932	6py2	4e41 4.096080301
## 11933	6q3s	4e41 4.130426939
## 11934	6r2l	4e41 4.186858083
## 11935	6rp9	4e41 2.542002407
## 11936	6rpa	4e41 4.362710304
## 11937	6rpb	4e41 2.056278324
## 11938	6rsy	4e41 2.880356698
## 11939	6tmo	4e41 4.210052770
## 11940	6tro	4e41 3.812573719
## 11941	6u3n	4e41 4.232539970
## 11942	6u3o	4e41 3.400661616
## 11943	6uon	4e41 2.679392126
## 11944	6vm7	4e41 4.358407666
## 11945	6vm8	4e41 4.316308525
## 11946	6vma	4e41 4.003774517
## 11947	6vmc	4e41 3.828289290
## 11948	6vmx	4e41 3.419765931
## 11949	6vqo	4e41 2.844242148
## 11950	6vrm	4e41 4.110263242
## 11951	6vrn	4e41 4.286691685
## 11952	7n1e	4e41 4.144927574
## 11953	7n1f	4e41 4.108518670
## 11954	7n6e	4e41 2.961382114
## 11955	6xc9	4e41 3.179059619
## 11956	6xco	4e41 4.450102318
## 11957	6xcp	4e41 4.598327577
## 11958	6zkw	4e41 4.324653825
## 11959	6z kx	4e41 4.146840660
## 11960	6zky	4e41 4.325905178
## 11961	6zkz	4e41 4.328142106

## 11962	7dzm	4e41 4.142359939
## 11963	7dzn	4e41 4.047430076
## 11964	7rm4	4e41 2.093367316
## 11965	7rtr	4e41 4.099083332
## 11966	7l1d	4e41 4.243269434
## 11967	7sg0	4e41 3.930197128
## 11968	7sg1	4e41 3.343051756
## 11969	7sg2	4e41 3.340859838
## 11970	7rrg	4e41 4.056386521
## 11971	7n2s	4e41 4.100757047
## 11972	7n2n	4e41 4.053238640
## 11973	7n2o	4e41 4.180040334
## 11974	7n2r	4e41 4.352124881
## 11975	7n2p	4e41 4.390422094
## 11976	7n2q	4e41 3.010149425
## 11977	8cx4	4e41 4.158097424
## 11978	8VCX	4e41 4.418611740
## 11979	8VCY	4e41 4.214495691
## 11980	8VD0	4e41 2.984330221
## 11981	8VD2	4e41 4.054359113
## 11982	6XCP	4e41 4.598086427
## 11983	6XC0	4e41 4.450516493
## 11984	6XC9	4e41 3.179616903
## 11985	1ao7	4eup 1.136560503
## 11986	1bd2	4eup 0.892962347
## 11987	1fyt	4eup 0.985932415
## 11988	1j8h	4eup 1.131069525
## 11989	1mi5	4eup 1.033850737
## 11990	1oga	4eup 0.872568866
## 11991	1qrn	4eup 1.126074266
## 11992	1qse	4eup 1.012067972
## 11993	1qsf	4eup 1.121527846
## 11994	1zgl	4eup 0.765990246
## 11995	2ak4	4eup 0.661446659
## 11996	2bnq	4eup 0.732234304
## 11997	2bnr	4eup 0.660354473
## 11998	2esv	4eup 1.105527690
## 11999	2f53	4eup 0.765820277
## 12000	2f54	4eup 0.919861820
## 12001	2gj6	4eup 1.067607216
## 12002	2iam	4eup 2.542473701
## 12003	2ian	4eup 0.686472245
## 12004	2nx5	4eup 0.538226171
## 12005	2p5e	4eup 0.762822057
## 12006	2p5w	4eup 0.764361599
## 12007	2pye	4eup 0.754124045
## 12008	2vlj	4eup 0.835186374
## 12009	2vlk	4eup 1.588582602
## 12010	2vlr	4eup 0.693263085
## 12011	2xn9	4eup 0.772009243
## 12012	2yp1	4eup 0.740239586
## 12013	3d39	4eup 0.874356743
## 12014	3d3v	4eup 0.859635216
## 12015	3dxa	4eup 0.875289311

## 12016	3ffc	4eup 1.073785995
## 12017	3gsn	4eup 0.785479038
## 12018	3h9s	4eup 0.874239652
## 12019	3hg1	4eup 0.881752588
## 12020	3kpr	4eup 0.506979955
## 12021	3kps	4eup 0.774566462
## 12022	3kxf	4eup 0.637308371
## 12023	3mv7	4eup 0.818304943
## 12024	3mv8	4eup 0.973145517
## 12025	3mv9	4eup 0.949028148
## 12026	3o4l	4eup 1.016217721
## 12027	3pwp	4eup 0.874517877
## 12028	3qdg	4eup 0.950717432
## 12029	3qdj	4eup 0.951502385
## 12030	3qdm	4eup 1.303197321
## 12031	3qeq	4eup 0.822735463
## 12032	3qfj	4eup 0.818338185
## 12033	3sjv	4eup 0.641860231
## 12034	3uts	4eup 0.824819281
## 12035	3utt	4eup 0.741742018
## 12036	3vxm	4eup 0.721708496
## 12037	3vxr	4eup 0.990473590
## 12038	3vxs	4eup 0.689805957
## 12039	4c56	4eup 0.568291942
## 12040	4e41	4eup 2.921204500
## 12041	4eup	4eup 0.000000000
## 12042	4ftv	4eup 0.797528552
## 12043	4g8g	4eup 1.088022143
## 12044	4g9f	4eup 0.798791159
## 12045	4gg6	4eup 1.067768986
## 12046	4jfd	4eup 0.883055963
## 12047	4jfe	4eup 0.882248459
## 12048	4jff	4eup 0.882249994
## 12049	4jrx	4eup 0.760150849
## 12050	4jry	4eup 0.808407089
## 12051	4l3e	4eup 0.740227392
## 12052	4mji	4eup 1.453065638
## 12053	4mnq	4eup 0.949289944
## 12054	4ozf	4eup 0.952647462
## 12055	4ozg	4eup 2.299159967
## 12056	4ozh	4eup 1.501095580
## 12057	4ozi	4eup 2.299282485
## 12058	4prh	4eup 0.868216233
## 12059	4pri	4eup 1.045071130
## 12060	4prp	4eup 0.840581165
## 12061	4qok	4eup 1.034938851
## 12062	4qrp	4eup 0.605321829
## 12063	4y19	4eup 1.048257261
## 12064	4y1a	4eup 0.865738784
## 12065	4z7u	4eup 1.181131815
## 12066	4z7v	4eup 1.086078498
## 12067	4z7w	4eup 0.663966468
## 12068	5d2l	4eup 0.839347196
## 12069	5d2n	4eup 0.500546694

## 12070	1lp9	4eup 0.676431321
## 12071	1ymm	4eup 1.072632497
## 12072	2j8u	4eup 0.676006079
## 12073	2jcc	4eup 0.676736980
## 12074	2uwe	4eup 0.676045355
## 12075	2wbj	4eup 0.799680971
## 12076	3gjf	4eup 0.652216858
## 12077	3hae	4eup 0.773938724
## 12078	3nfj	4eup 0.660934716
## 12079	3o6f	4eup 0.603116010
## 12080	3pl6	4eup 1.107584198
## 12081	3t0e	4eup 0.962732061
## 12082	4euq	4eup 1.045747210
## 12083	4grl	4eup 0.827326603
## 12084	4h1l	4eup 1.103458116
## 12085	4may	4eup 1.010076250
## 12086	4p4k	4eup 0.684289464
## 12087	4qrr	4eup 1.008660828
## 12088	4wuu	4eup 0.710077881
## 12089	4zez	4eup 1.094433129
## 12090	5brz	4eup 1.664050269
## 12091	5bs0	4eup 2.165959049
## 12092	5c07	4eup 0.817200974
## 12093	5c08	4eup 0.608526484
## 12094	5c09	4eup 0.746406417
## 12095	5c0a	4eup 1.057715719
## 12096	5c0b	4eup 0.990103265
## 12097	5c0c	4eup 0.885659267
## 12098	5e6i	4eup 0.839935866
## 12099	5e9d	4eup 0.592873155
## 12100	5eu6	4eup 1.011034581
## 12101	5euo	4eup 5.005762430
## 12102	5hhm	4eup 0.993922657
## 12103	5hho	4eup 0.795847888
## 12104	5hyj	4eup 0.746822471
## 12105	5isz	4eup 0.840244289
## 12106	5jhd	4eup 0.937887448
## 12107	5jzi	4eup 1.093866088
## 12108	5ks9	4eup 1.066095202
## 12109	5ksa	4eup 0.831690344
## 12110	5ksb	4eup 0.718366554
## 12111	5men	4eup 0.947272693
## 12112	5nht	4eup 0.691591479
## 12113	5nme	4eup 0.936184156
## 12114	5nmf	4eup 0.773424722
## 12115	5nmg	4eup 0.648748583
## 12116	5nqk	4eup 0.693356299
## 12117	5tez	4eup 2.364027405
## 12118	5w1v	4eup 2.202559728
## 12119	5w1w	4eup 2.412020699
## 12120	5wkf	4eup 0.757560840
## 12121	5wkh	4eup 0.683147847
## 12122	5xot	4eup 0.957285229
## 12123	5xov	4eup 0.660934716

## 12124	5yxn	4eup 0.901799248
## 12125	5yxu	4eup 0.616041488
## 12126	6am5	4eup 0.746732125
## 12127	6amu	4eup 0.802755504
## 12128	6avf	4eup 1.306758213
## 12129	6avg	4eup 0.754251023
## 12130	6bj2	4eup 1.227899930
## 12131	6bj3	4eup 1.089819901
## 12132	6bj8	4eup 1.092978879
## 12133	6cql	4eup 1.043552652
## 12134	6cqn	4eup 2.305614022
## 12135	6cqq	4eup 1.173795917
## 12136	6cqr	4eup 0.824091067
## 12137	6d78	4eup 0.755333883
## 12138	6dfx	4eup 2.235331910
## 12139	6dkp	4eup 0.744873499
## 12140	6dx f	4eup 1.458776156
## 12141	6eqa	4eup 0.885977086
## 12142	6eqb	4eup 0.882193932
## 12143	6mtm	4eup 0.807026565
## 12144	6p64	4eup 1.954372421
## 12145	6px6	4eup 0.839072729
## 12146	6py2	4eup 0.999143063
## 12147	6q3s	4eup 0.955458409
## 12148	6r2l	4eup 0.943350835
## 12149	6rp9	4eup 0.808148524
## 12150	6rpa	4eup 0.770709367
## 12151	6rpb	4eup 0.772313252
## 12152	6rsy	4eup 0.607722594
## 12153	6tmo	4eup 0.811194907
## 12154	6tro	4eup 1.177343024
## 12155	6u3n	4eup 0.901327468
## 12156	6u3o	4eup 1.307139225
## 12157	6uon	4eup 0.744219046
## 12158	6vm7	4eup 0.798800666
## 12159	6vm8	4eup 0.800877599
## 12160	6vma	4eup 0.864631734
## 12161	6vmc	4eup 1.185629184
## 12162	6vmx	4eup 0.816797160
## 12163	6vqo	4eup 0.665263380
## 12164	6vrm	4eup 1.302683283
## 12165	6vrn	4eup 0.879470236
## 12166	7n1e	4eup 0.868054337
## 12167	7n1f	4eup 0.886348526
## 12168	7n6e	4eup 0.560149802
## 12169	6xc9	4eup 0.733183214
## 12170	6xco	4eup 1.065225214
## 12171	6xcp	4eup 2.344802984
## 12172	6zkw	4eup 0.774027626
## 12173	6z kx	4eup 0.864636566
## 12174	6zky	4eup 0.774615690
## 12175	6zkz	4eup 0.726595453
## 12176	7dzm	4eup 1.287163139
## 12177	7dzn	4eup 0.938180647

## 12178	7rm4	4eup 0.760312043
## 12179	7rtr	4eup 0.811830949
## 12180	7l1d	4eup 0.943314174
## 12181	7sg0	4eup 1.023803751
## 12182	7sg1	4eup 0.907069677
## 12183	7sg2	4eup 0.892127748
## 12184	7rrg	4eup 0.775594202
## 12185	7n2s	4eup 0.787543277
## 12186	7n2n	4eup 0.776105800
## 12187	7n2o	4eup 0.784930910
## 12188	7n2r	4eup 0.739556829
## 12189	7n2p	4eup 0.791485060
## 12190	7n2q	4eup 0.718229033
## 12191	8cx4	4eup 0.758605190
## 12192	8VCX	4eup 2.138507911
## 12193	8VCY	4eup 0.825399843
## 12194	8VD0	4eup 0.744875033
## 12195	8VD2	4eup 0.900368055
## 12196	6XCP	4eup 2.344916091
## 12197	6XC0	4eup 1.065010655
## 12198	6XC9	4eup 0.732535098
## 12199	1ao7	4ftv 1.342198283
## 12200	1bd2	4ftv 0.866684892
## 12201	1fyt	4ftv 1.016042006
## 12202	1j8h	4ftv 1.452934821
## 12203	1mi5	4ftv 1.166508574
## 12204	1oga	4ftv 0.902605945
## 12205	1qrn	4ftv 1.321403534
## 12206	1qse	4ftv 1.604302485
## 12207	1qsf	4ftv 1.311948436
## 12208	1zgl	4ftv 1.012654699
## 12209	2ak4	4ftv 0.735243395
## 12210	2bnq	4ftv 1.132957385
## 12211	2bnr	4ftv 0.951833758
## 12212	2esv	4ftv 1.255849148
## 12213	2f53	4ftv 0.677494533
## 12214	2f54	4ftv 1.471160641
## 12215	2gj6	4ftv 1.456364766
## 12216	2iam	4ftv 3.301095830
## 12217	2ian	4ftv 0.803021849
## 12218	2nx5	4ftv 0.748289890
## 12219	2p5e	4ftv 0.665596169
## 12220	2p5w	4ftv 0.669390448
## 12221	2pye	4ftv 0.478679573
## 12222	2vlj	4ftv 1.236415889
## 12223	2vlk	4ftv 2.070918361
## 12224	2vlr	4ftv 1.023420415
## 12225	2xn9	4ftv 0.849710637
## 12226	2ypl	4ftv 1.109108929
## 12227	3d39	4ftv 0.991324686
## 12228	3d3v	4ftv 0.941160170
## 12229	3dxa	4ftv 1.027581438
## 12230	3ffc	4ftv 0.934356201
## 12231	3gsn	4ftv 1.072369739

## 12232	3h9s	4ftv 0.988206070
## 12233	3hg1	4ftv 1.123748584
## 12234	3kpr	4ftv 0.667021481
## 12235	3kps	4ftv 0.540003916
## 12236	3kxf	4ftv 0.777814635
## 12237	3mv7	4ftv 0.879811866
## 12238	3mv8	4ftv 0.964725758
## 12239	3mv9	4ftv 1.192048871
## 12240	3o4l	4ftv 1.023021044
## 12241	3pwp	4ftv 0.992372589
## 12242	3qdg	4ftv 1.600494248
## 12243	3qdj	4ftv 1.600473099
## 12244	3qdm	4ftv 2.190204937
## 12245	3qeq	4ftv 1.164360094
## 12246	3qfj	4ftv 1.173974371
## 12247	3sjv	4ftv 1.020906985
## 12248	3uts	4ftv 1.234347624
## 12249	3utt	4ftv 0.845479689
## 12250	3vxm	4ftv 0.688155319
## 12251	3vxr	4ftv 0.823613560
## 12252	3vxs	4ftv 0.629404033
## 12253	4c56	4ftv 0.697613609
## 12254	4e41	4ftv 4.333086303
## 12255	4eup	4ftv 0.797528552
## 12256	4ftv	4ftv 0.000000000
## 12257	4g8g	4ftv 0.834163255
## 12258	4g9f	4ftv 0.842539443
## 12259	4gg6	4ftv 1.016686822
## 12260	4jfd	4ftv 1.134441336
## 12261	4jfe	4ftv 1.132544133
## 12262	4jff	4ftv 1.130939753
## 12263	4jrx	4ftv 0.746066048
## 12264	4jry	4ftv 0.936664816
## 12265	4l3e	4ftv 0.717096814
## 12266	4mji	4ftv 1.730303107
## 12267	4mnq	4ftv 0.880930614
## 12268	4ozf	4ftv 1.319798013
## 12269	4ozg	4ftv 3.510791180
## 12270	4ozh	4ftv 2.377125228
## 12271	4ozi	4ftv 3.461587380
## 12272	4prh	4ftv 0.608158863
## 12273	4pri	4ftv 0.715697011
## 12274	4prp	4ftv 0.603005122
## 12275	4qok	4ftv 1.108391633
## 12276	4qrp	4ftv 0.792058349
## 12277	4y19	4ftv 1.092742563
## 12278	4y1a	4ftv 0.553502519
## 12279	4z7u	4ftv 1.773248845
## 12280	4z7v	4ftv 1.320139283
## 12281	4z7w	4ftv 0.719718923
## 12282	5d2l	4ftv 1.021364126
## 12283	5d2n	4ftv 0.714805018
## 12284	1lp9	4ftv 0.663912408
## 12285	1ymm	4ftv 0.931739237

## 12286	2j8u	4ftv 0.664813946
## 12287	2jcc	4ftv 0.666018274
## 12288	2uwe	4ftv 0.663882601
## 12289	2wbj	4ftv 1.038258772
## 12290	3gjf	4ftv 0.879480814
## 12291	3hae	4ftv 1.099155144
## 12292	3nfj	4ftv 0.945004160
## 12293	3o6f	4ftv 0.758773417
## 12294	3pl6	4ftv 1.147518613
## 12295	3t0e	4ftv 0.943716504
## 12296	4euq	4ftv 0.949689108
## 12297	4grl	4ftv 0.905949789
## 12298	4h1l	4ftv 1.215891694
## 12299	4may	4ftv 0.645321303
## 12300	4p4k	4ftv 0.844564453
## 12301	4qrr	4ftv 0.836252172
## 12302	4wuu	4ftv 1.027717865
## 12303	4zez	4ftv 1.176954444
## 12304	5brz	4ftv 2.655726983
## 12305	5bs0	4ftv 3.471451168
## 12306	5c07	4ftv 1.200463918
## 12307	5c08	4ftv 1.056978935
## 12308	5c09	4ftv 0.855759351
## 12309	5c0a	4ftv 1.397508115
## 12310	5c0b	4ftv 0.916903698
## 12311	5c0c	4ftv 1.507245767
## 12312	5e6i	4ftv 1.283757133
## 12313	5e9d	4ftv 0.722001414
## 12314	5eu6	4ftv 1.037925091
## 12315	5euo	4ftv 7.447460240
## 12316	5hhm	4ftv 1.322371568
## 12317	5hho	4ftv 0.615710550
## 12318	5hyj	4ftv 1.177051690
## 12319	5isz	4ftv 1.442584069
## 12320	5jhd	4ftv 1.301184264
## 12321	5jzi	4ftv 1.175956038
## 12322	5ks9	4ftv 1.124875232
## 12323	5ksa	4ftv 0.815108090
## 12324	5ksb	4ftv 0.663967033
## 12325	5men	4ftv 0.879518645
## 12326	5nht	4ftv 0.978734264
## 12327	5nme	4ftv 1.371445699
## 12328	5nmf	4ftv 1.163009732
## 12329	5nmg	4ftv 0.860235808
## 12330	5nqk	4ftv 0.980676669
## 12331	5tez	4ftv 3.762584282
## 12332	5w1v	4ftv 3.209122185
## 12333	5w1w	4ftv 3.384086116
## 12334	5wkf	4ftv 0.620875437
## 12335	5wkh	4ftv 0.734604482
## 12336	5xot	4ftv 0.585751577
## 12337	5xov	4ftv 0.945004160
## 12338	5yxn	4ftv 0.805160836
## 12339	5yxu	4ftv 0.991180545

## 12340	6am5	4ftv 0.720245993
## 12341	6amu	4ftv 0.665026728
## 12342	6avf	4ftv 1.798247675
## 12343	6avg	4ftv 0.774537227
## 12344	6bj2	4ftv 1.601090286
## 12345	6bj3	4ftv 0.783005710
## 12346	6bj8	4ftv 0.782984710
## 12347	6cql	4ftv 0.870009265
## 12348	6cqn	4ftv 2.904096593
## 12349	6cqq	4ftv 1.835446130
## 12350	6cqr	4ftv 0.806408884
## 12351	6d78	4ftv 0.704976277
## 12352	6dfx	4ftv 3.308309963
## 12353	6dkp	4ftv 0.704430598
## 12354	6dxl	4ftv 2.327662050
## 12355	6eqa	4ftv 1.129174931
## 12356	6eqb	4ftv 1.130292657
## 12357	6mtm	4ftv 0.807749940
## 12358	6p64	4ftv 3.018500658
## 12359	6px6	4ftv 0.683507295
## 12360	6py2	4ftv 0.924597721
## 12361	6q3s	4ftv 0.977369403
## 12362	6r2l	4ftv 1.082082327
## 12363	6rp9	4ftv 0.957494498
## 12364	6rpa	4ftv 0.784590242
## 12365	6rpb	4ftv 1.122867735
## 12366	6rsy	4ftv 0.847786960
## 12367	6tmo	4ftv 1.011735412
## 12368	6tro	4ftv 1.492756700
## 12369	6u3n	4ftv 0.689845146
## 12370	6u3o	4ftv 1.966659777
## 12371	6uon	4ftv 1.207947069
## 12372	6vm7	4ftv 0.570677890
## 12373	6vm8	4ftv 0.624762249
## 12374	6vma	4ftv 0.998807835
## 12375	6vmc	4ftv 1.481131505
## 12376	6vmx	4ftv 0.884238245
## 12377	6vqo	4ftv 0.816308992
## 12378	6vrm	4ftv 1.998224148
## 12379	6vrn	4ftv 0.850041701
## 12380	7n1e	4ftv 0.889422426
## 12381	7n1f	4ftv 0.955925792
## 12382	7n6e	4ftv 0.817199500
## 12383	6xc9	4ftv 0.960066072
## 12384	6xco	4ftv 0.783534910
## 12385	6xcp	4ftv 3.169374870
## 12386	6zkw	4ftv 0.569400722
## 12387	6zlx	4ftv 0.831912020
## 12388	6zky	4ftv 0.569381185
## 12389	6zkz	4ftv 0.745671648
## 12390	7dzm	4ftv 1.560366755
## 12391	7dzn	4ftv 1.068434753
## 12392	7rm4	4ftv 1.193872035
## 12393	7rtr	4ftv 1.048132742

## 12394	7l1d	4ftv 0.969524304
## 12395	7sg0	4ftv 1.535473515
## 12396	7sg1	4ftv 1.026628429
## 12397	7sg2	4ftv 1.014236859
## 12398	7rrg	4ftv 0.983752654
## 12399	7n2s	4ftv 0.936280321
## 12400	7n2n	4ftv 0.937909708
## 12401	7n2o	4ftv 0.945977133
## 12402	7n2r	4ftv 0.670568314
## 12403	7n2p	4ftv 0.972104176
## 12404	7n2q	4ftv 0.975108764
## 12405	8cx4	4ftv 0.772202804
## 12406	8VCX	4ftv 2.639463692
## 12407	8VCY	4ftv 0.928419949
## 12408	8VD0	4ftv 0.683074847
## 12409	8VD2	4ftv 0.951094077
## 12410	6XCP	4ftv 3.168919790
## 12411	6XC0	4ftv 0.785181280
## 12412	6XC9	4ftv 0.959046611
## 12413	1ao7	4g8g 1.628964601
## 12414	1bd2	4g8g 1.100001381
## 12415	1fyt	4g8g 1.241291014
## 12416	1j8h	4g8g 1.791597720
## 12417	1mi5	4g8g 1.221463504
## 12418	1oga	4g8g 0.883935222
## 12419	1qrn	4g8g 1.679370383
## 12420	1qse	4g8g 2.033931217
## 12421	1qsf	4g8g 1.671182578
## 12422	1zgl	4g8g 1.039617896
## 12423	2ak4	4g8g 0.745176415
## 12424	2bnq	4g8g 1.559802709
## 12425	2bnr	4g8g 1.394281003
## 12426	2esv	4g8g 1.389001013
## 12427	2f53	4g8g 1.143108870
## 12428	2f54	4g8g 1.847366318
## 12429	2gj6	4g8g 1.772874614
## 12430	2iam	4g8g 3.480201359
## 12431	2ian	4g8g 0.784709556
## 12432	2nx5	4g8g 0.891851398
## 12433	2p5e	4g8g 1.139045567
## 12434	2p5w	4g8g 1.142464349
## 12435	2pye	4g8g 0.987759614
## 12436	2vlj	4g8g 1.636464739
## 12437	2vlk	4g8g 2.191765440
## 12438	2vlr	4g8g 1.289677855
## 12439	2xn9	4g8g 1.113693270
## 12440	2ypl	4g8g 1.486378922
## 12441	3d39	4g8g 1.181761872
## 12442	3d3v	4g8g 0.941892887
## 12443	3dxa	4g8g 1.144160670
## 12444	3ffc	4g8g 0.786904412
## 12445	3gsn	4g8g 1.361110026
## 12446	3h9s	4g8g 1.178884132
## 12447	3hg1	4g8g 1.426655654

## 12448	3kpr	4g8g 1.061435227
## 12449	3kps	4g8g 0.884370386
## 12450	3kxf	4g8g 0.784006997
## 12451	3mv7	4g8g 0.929406755
## 12452	3mv8	4g8g 1.343023530
## 12453	3mv9	4g8g 1.272745798
## 12454	3o4l	4g8g 1.496621167
## 12455	3pwp	4g8g 1.182409511
## 12456	3qdg	4g8g 2.116668172
## 12457	3qdj	4g8g 2.117169934
## 12458	3qdm	4g8g 2.756778903
## 12459	3qeq	4g8g 1.544274637
## 12460	3qfj	4g8g 1.530782925
## 12461	3sjv	4g8g 1.155826635
## 12462	3uts	4g8g 1.571691806
## 12463	3utt	4g8g 0.822602630
## 12464	3vxm	4g8g 1.200894735
## 12465	3vxr	4g8g 0.620439380
## 12466	3vxs	4g8g 1.057501771
## 12467	4c56	4g8g 0.841358416
## 12468	4e4l	4g8g 4.433220670
## 12469	4eup	4g8g 1.088022143
## 12470	4ftv	4g8g 0.834163255
## 12471	4g8g	4g8g 0.000000000
## 12472	4g9f	4g8g 1.203868167
## 12473	4gg6	4g8g 0.876313222
## 12474	4jfd	4g8g 1.438466793
## 12475	4jfe	4g8g 1.436664089
## 12476	4jff	4g8g 1.435612826
## 12477	4jrx	4g8g 1.077531453
## 12478	4jry	4g8g 0.983653752
## 12479	4l3e	4g8g 1.062258460
## 12480	4mji	4g8g 1.511965970
## 12481	4mnq	4g8g 0.936510591
## 12482	4ozf	4g8g 1.703130942
## 12483	4ozg	4g8g 3.749623349
## 12484	4ozh	4g8g 2.613119694
## 12485	4ozi	4g8g 3.645834321
## 12486	4prh	4g8g 0.712969454
## 12487	4pri	4g8g 0.988319522
## 12488	4prp	4g8g 0.719631441
## 12489	4qok	4g8g 1.464465571
## 12490	4qrp	4g8g 0.822697769
## 12491	4y19	4g8g 0.792839452
## 12492	4y1a	4g8g 0.911540681
## 12493	4z7u	4g8g 1.966321815
## 12494	4z7v	4g8g 1.514597246
## 12495	4z7w	4g8g 0.862495559
## 12496	5d2l	4g8g 1.008073823
## 12497	5d2n	4g8g 1.045434111
## 12498	1lp9	4g8g 0.939135584
## 12499	1ymm	4g8g 1.030001024
## 12500	2j8u	4g8g 0.940716727
## 12501	2jcc	4g8g 0.942399976

## 12502	2uwe	4g8g 0.940149935
## 12503	2wbj	4g8g 1.168206680
## 12504	3gjf	4g8g 1.059925074
## 12505	3hae	4g8g 1.249050672
## 12506	3nfj	4g8g 1.062345142
## 12507	3o6f	4g8g 0.936163300
## 12508	3pl6	4g8g 1.218561245
## 12509	3t0e	4g8g 0.927493846
## 12510	4euq	4g8g 0.781650504
## 12511	4grl	4g8g 1.374060581
## 12512	4h1l	4g8g 1.380867447
## 12513	4may	4g8g 0.714808350
## 12514	4p4k	4g8g 1.094837450
## 12515	4qrr	4g8g 0.868758520
## 12516	4wuu	4g8g 1.391727196
## 12517	4zez	4g8g 1.222048072
## 12518	5brz	4g8g 3.072941176
## 12519	5bs0	4g8g 3.953669403
## 12520	5c07	4g8g 1.449772364
## 12521	5c08	4g8g 1.327371004
## 12522	5c09	4g8g 0.835157466
## 12523	5c0a	4g8g 1.568498225
## 12524	5c0b	4g8g 0.820371828
## 12525	5c0c	4g8g 1.778703611
## 12526	5e6i	4g8g 1.349692393
## 12527	5e9d	4g8g 1.105618612
## 12528	5eu6	4g8g 1.182989984
## 12529	5euo	4g8g 7.622771209
## 12530	5hhm	4g8g 1.545268137
## 12531	5hho	4g8g 1.224313202
## 12532	5hyj	4g8g 1.413995399
## 12533	5isz	4g8g 1.809191610
## 12534	5jhd	4g8g 1.497799877
## 12535	5jzi	4g8g 1.221250104
## 12536	5ks9	4g8g 0.979140411
## 12537	5ksa	4g8g 0.988693159
## 12538	5ksb	4g8g 0.738628571
## 12539	5men	4g8g 0.937316660
## 12540	5nht	4g8g 1.459109174
## 12541	5nme	4g8g 1.558811378
## 12542	5nmf	4g8g 1.494816033
## 12543	5nmg	4g8g 1.062480960
## 12544	5nqk	4g8g 1.457730993
## 12545	5tez	4g8g 4.319971022
## 12546	5w1v	4g8g 3.341987911
## 12547	5w1w	4g8g 3.458849283
## 12548	5wkf	4g8g 0.628382350
## 12549	5wkh	4g8g 0.898521902
## 12550	5xot	4g8g 0.534965231
## 12551	5xov	4g8g 1.062345142
## 12552	5yxn	4g8g 0.947154321
## 12553	5yxu	4g8g 1.171066847
## 12554	6am5	4g8g 1.059898006
## 12555	6amu	4g8g 1.057622897

## 12556	6avf	4g8g 1.917054295
## 12557	6avg	4g8g 0.833920493
## 12558	6bj2	4g8g 1.881997195
## 12559	6bj3	4g8g 0.798624519
## 12560	6bj8	4g8g 0.803650414
## 12561	6cql	4g8g 1.004543566
## 12562	6cqn	4g8g 3.090121769
## 12563	6cqq	4g8g 2.095381772
## 12564	6cqr	4g8g 0.942872148
## 12565	6d78	4g8g 1.055192492
## 12566	6dfx	4g8g 3.418692944
## 12567	6dkp	4g8g 1.057248765
## 12568	6dxg	4g8g 2.783368635
## 12569	6eqa	4g8g 1.430130847
## 12570	6eqb	4g8g 1.437517377
## 12571	6mtm	4g8g 1.042304126
## 12572	6p64	4g8g 3.192623473
## 12573	6px6	4g8g 0.875284320
## 12574	6py2	4g8g 1.261470108
## 12575	6q3s	4g8g 1.095163468
## 12576	6r2l	4g8g 1.332310796
## 12577	6rp9	4g8g 0.993436894
## 12578	6rpa	4g8g 0.929613279
## 12579	6rpb	4g8g 1.285607347
## 12580	6rsy	4g8g 1.104112303
## 12581	6tmo	4g8g 1.493225930
## 12582	6tro	4g8g 1.753994371
## 12583	6u3n	4g8g 1.017110826
## 12584	6u3o	4g8g 2.203439198
## 12585	6uon	4g8g 1.392752317
## 12586	6vm7	4g8g 0.934341632
## 12587	6vm8	4g8g 0.957809993
## 12588	6vma	4g8g 1.281388138
## 12589	6vmc	4g8g 1.513751502
## 12590	6vmx	4g8g 1.012296087
## 12591	6vqo	4g8g 1.003938382
## 12592	6vrm	4g8g 2.508939739
## 12593	6vrn	4g8g 0.990371155
## 12594	7n1e	4g8g 1.373171459
## 12595	7n1f	4g8g 1.100963262
## 12596	7n6e	4g8g 1.055709377
## 12597	6xc9	4g8g 1.263793857
## 12598	6xco	4g8g 0.780170736
## 12599	6xcp	4g8g 3.526008681
## 12600	6zkw	4g8g 0.949493665
## 12601	6zqx	4g8g 1.101044634
## 12602	6zky	4g8g 0.947149079
## 12603	6zkz	4g8g 0.923152563
## 12604	7dzm	4g8g 1.712907086
## 12605	7dzn	4g8g 1.253579470
## 12606	7rm4	4g8g 1.311830723
## 12607	7rtr	4g8g 1.319684990
## 12608	7l1d	4g8g 0.979379564
## 12609	7sg0	4g8g 1.671432096

## 12610	7sg1	4g8g 1.101841697
## 12611	7sg2	4g8g 1.091066300
## 12612	7rrg	4g8g 1.420899174
## 12613	7n2s	4g8g 1.394791296
## 12614	7n2n	4g8g 1.401482502
## 12615	7n2o	4g8g 1.256008516
## 12616	7n2r	4g8g 1.205857987
## 12617	7n2p	4g8g 1.251091289
## 12618	7n2q	4g8g 1.238317423
## 12619	8cx4	4g8g 1.102809831
## 12620	8VCX	4g8g 2.910818838
## 12621	8VCY	4g8g 1.385529742
## 12622	8VD0	4g8g 0.824569864
## 12623	8VD2	4g8g 1.195536062
## 12624	6XCP	4g8g 3.526065105
## 12625	6XC0	4g8g 0.779212864
## 12626	6XC9	4g8g 1.263309241
## 12627	1ao7	4g9f 1.088375095
## 12628	1bd2	4g9f 1.015256066
## 12629	1fyt	4g9f 0.934638298
## 12630	1j8h	4g9f 0.951724807
## 12631	1mi5	4g9f 0.709317588
## 12632	1oga	4g9f 0.854807316
## 12633	1qrn	4g9f 1.076242495
## 12634	1qse	4g9f 1.032386651
## 12635	1qsf	4g9f 1.068312209
## 12636	1zgl	4g9f 1.049270332
## 12637	2ak4	4g9f 0.864022353
## 12638	2bnq	4g9f 0.594121139
## 12639	2bnr	4g9f 0.624603944
## 12640	2esv	4g9f 1.062313529
## 12641	2f53	4g9f 0.844258350
## 12642	2f54	4g9f 1.407388899
## 12643	2gj6	4g9f 0.819226475
## 12644	2iam	4g9f 3.274994396
## 12645	2ian	4g9f 0.784965191
## 12646	2nx5	4g9f 0.824919530
## 12647	2p5e	4g9f 0.842690044
## 12648	2p5w	4g9f 0.845693422
## 12649	2pye	4g9f 0.962615299
## 12650	2vlj	4g9f 1.333265358
## 12651	2vlk	4g9f 1.733957088
## 12652	2vlr	4g9f 0.969067973
## 12653	2xn9	4g9f 0.648274350
## 12654	2yp1	4g9f 0.795659991
## 12655	3d39	4g9f 0.630868246
## 12656	3d3v	4g9f 0.854338611
## 12657	3dxa	4g9f 1.151268325
## 12658	3ffc	4g9f 1.081556365
## 12659	3gsn	4g9f 0.793737195
## 12660	3h9s	4g9f 0.632083083
## 12661	3hg1	4g9f 0.797140408
## 12662	3kpr	4g9f 0.778427983
## 12663	3kps	4g9f 0.920976009

## 12664	3kxf	4g9f 0.844516357
## 12665	3mv7	4g9f 0.907184317
## 12666	3mv8	4g9f 0.801530722
## 12667	3mv9	4g9f 0.980857001
## 12668	3o4l	4g9f 0.963312257
## 12669	3pwp	4g9f 0.630331670
## 12670	3qdg	4g9f 1.153995809
## 12671	3qdj	4g9f 1.153581372
## 12672	3qdm	4g9f 1.991970388
## 12673	3qeq	4g9f 0.891816135
## 12674	3qfj	4g9f 0.878192444
## 12675	3sjv	4g9f 0.979331499
## 12676	3uts	4g9f 1.033088228
## 12677	3utt	4g9f 0.590936754
## 12678	3vxm	4g9f 0.940560722
## 12679	3vxr	4g9f 0.900527937
## 12680	3vxs	4g9f 1.006963064
## 12681	4c56	4g9f 0.583084094
## 12682	4e4l	4g9f 4.097178792
## 12683	4eup	4g9f 0.798791159
## 12684	4ftv	4g9f 0.842539443
## 12685	4g8g	4g9f 1.203868167
## 12686	4g9f	4g9f 0.000000000
## 12687	4gg6	4g9f 1.207529392
## 12688	4jfd	4g9f 0.803839635
## 12689	4jfe	4g9f 0.800618900
## 12690	4jff	4g9f 0.798214804
## 12691	4jrx	4g9f 0.955244357
## 12692	4jry	4g9f 1.069635127
## 12693	4l3e	4g9f 0.582063668
## 12694	4mji	4g9f 1.724106469
## 12695	4mnq	4g9f 0.845842665
## 12696	4ozf	4g9f 1.259516440
## 12697	4ozg	4g9f 3.317346528
## 12698	4ozh	4g9f 2.299810138
## 12699	4ozi	4g9f 3.230103469
## 12700	4prh	4g9f 0.869409435
## 12701	4pri	4g9f 1.029426952
## 12702	4prp	4g9f 0.869325598
## 12703	4qok	4g9f 0.749618214
## 12704	4qrp	4g9f 0.775120990
## 12705	4y19	4g9f 1.297803309
## 12706	4y1a	4g9f 0.702210151
## 12707	4z7u	4g9f 1.621517876
## 12708	4z7v	4g9f 1.335105828
## 12709	4z7w	4g9f 0.782407309
## 12710	5d2l	4g9f 0.964128214
## 12711	5d2n	4g9f 0.649378447
## 12712	1lp9	4g9f 0.762045500
## 12713	1ymm	4g9f 0.969123985
## 12714	2j8u	4g9f 0.763531921
## 12715	2jcc	4g9f 0.763953054
## 12716	2uwe	4g9f 0.762619501
## 12717	2wbj	4g9f 0.981332783

## 12718	3gjf	4g9f 0.880482035
## 12719	3hae	4g9f 1.111492041
## 12720	3nfj	4g9f 0.807496153
## 12721	3o6f	4g9f 0.723355695
## 12722	3pl6	4g9f 0.829154090
## 12723	3t0e	4g9f 0.958993781
## 12724	4euq	4g9f 0.980715897
## 12725	4grl	4g9f 0.652387882
## 12726	4h1l	4g9f 1.333634645
## 12727	4may	4g9f 0.964807669
## 12728	4p4k	4g9f 0.688729838
## 12729	4qrr	4g9f 0.887212720
## 12730	4wuu	4g9f 0.854517256
## 12731	4zez	4g9f 1.293186055
## 12732	5brz	4g9f 2.393434312
## 12733	5bs0	4g9f 3.327223438
## 12734	5c07	4g9f 1.074769154
## 12735	5c08	4g9f 0.891171424
## 12736	5c09	4g9f 0.594191051
## 12737	5c0a	4g9f 1.478071894
## 12738	5c0b	4g9f 1.017171218
## 12739	5c0c	4g9f 1.373928085
## 12740	5e6i	4g9f 1.172611192
## 12741	5e9d	4g9f 0.902055799
## 12742	5eu6	4g9f 0.664595223
## 12743	5euo	4g9f 7.237369120
## 12744	5hbm	4g9f 1.176629941
## 12745	5hho	4g9f 0.913308232
## 12746	5hyj	4g9f 0.992294899
## 12747	5isz	4g9f 1.023628819
## 12748	5jhd	4g9f 1.166832988
## 12749	5jzi	4g9f 1.292469498
## 12750	5ks9	4g9f 1.170808291
## 12751	5ksa	4g9f 0.760848339
## 12752	5ksb	4g9f 0.833497860
## 12753	5men	4g9f 0.843989750
## 12754	5nht	4g9f 0.902512708
## 12755	5nme	4g9f 1.018021061
## 12756	5nmf	4g9f 1.021783028
## 12757	5nmg	4g9f 0.711527977
## 12758	5nqk	4g9f 0.906878133
## 12759	5tez	4g9f 3.698795814
## 12760	5w1v	4g9f 3.179916217
## 12761	5w1w	4g9f 3.304288177
## 12762	5wkf	4g9f 0.868508935
## 12763	5wkh	4g9f 0.612575827
## 12764	5xot	4g9f 1.051006797
## 12765	5xov	4g9f 0.807496153
## 12766	5yxn	4g9f 0.560006055
## 12767	5yxu	4g9f 0.898587828
## 12768	6am5	4g9f 0.597563819
## 12769	6amu	4g9f 0.608027013
## 12770	6avf	4g9f 1.836114085
## 12771	6avg	4g9f 0.896077806

## 12772	6bj2	4g9f 1.751399343
## 12773	6bj3	4g9f 1.199088743
## 12774	6bj8	4g9f 1.199287958
## 12775	6cql	4g9f 0.830823968
## 12776	6cqn	4g9f 2.859881628
## 12777	6cqq	4g9f 1.777075073
## 12778	6cqr	4g9f 0.938072684
## 12779	6d78	4g9f 0.586935481
## 12780	6dfx	4g9f 3.050086824
## 12781	6dkp	4g9f 0.577599035
## 12782	6dxl	4g9f 1.985393016
## 12783	6eqa	4g9f 0.801553878
## 12784	6eqb	4g9f 0.801438774
## 12785	6mtm	4g9f 0.465765097
## 12786	6p64	4g9f 2.824091422
## 12787	6px6	4g9f 0.814376348
## 12788	6py2	4g9f 0.902566930
## 12789	6q3s	4g9f 0.492202095
## 12790	6r2l	4g9f 1.076475771
## 12791	6rp9	4g9f 1.058896205
## 12792	6rpa	4g9f 0.854679862
## 12793	6rpb	4g9f 1.058174850
## 12794	6rsy	4g9f 0.667384893
## 12795	6tmo	4g9f 1.029053288
## 12796	6tro	4g9f 1.124266322
## 12797	6u3n	4g9f 0.777489183
## 12798	6u3o	4g9f 2.009568656
## 12799	6uon	4g9f 0.896066777
## 12800	6vm7	4g9f 0.643042797
## 12801	6vm8	4g9f 0.682535783
## 12802	6vma	4g9f 0.653392212
## 12803	6vmc	4g9f 1.208450955
## 12804	6vmx	4g9f 1.085996500
## 12805	6vqo	4g9f 0.611067696
## 12806	6vrm	4g9f 1.965448123
## 12807	6vrn	4g9f 0.531699447
## 12808	7n1e	4g9f 0.995049166
## 12809	7n1f	4g9f 0.825492364
## 12810	7n6e	4g9f 0.870210170
## 12811	6xc9	4g9f 1.127600976
## 12812	6xco	4g9f 1.106501820
## 12813	6xcp	4g9f 3.180250642
## 12814	6zkw	4g9f 0.856623276
## 12815	6zkk	4g9f 0.619616046
## 12816	6zky	4g9f 0.858530015
## 12817	6zkz	4g9f 0.834569453
## 12818	7dzm	4g9f 1.361990667
## 12819	7dzn	4g9f 0.725935100
## 12820	7rm4	4g9f 1.146213009
## 12821	7rtr	4g9f 0.982068692
## 12822	7l1d	4g9f 0.678865637
## 12823	7sg0	4g9f 1.191214650
## 12824	7sg1	4g9f 1.212294903
## 12825	7sg2	4g9f 1.197148290

## 12826	7rrg	4g9f 0.620890377
## 12827	7n2s	4g9f 0.447250505
## 12828	7n2n	4g9f 0.438650076
## 12829	7n2o	4g9f 1.058296990
## 12830	7n2r	4g9f 1.046567473
## 12831	7n2p	4g9f 0.945496322
## 12832	7n2q	4g9f 0.935763533
## 12833	8cx4	4g9f 0.955505307
## 12834	8VCX	4g9f 2.635201931
## 12835	8VCY	4g9f 0.649238937
## 12836	8VD0	4g9f 0.772094504
## 12837	8VD2	4g9f 0.736515484
## 12838	6XCP	4g9f 3.180668010
## 12839	6XC0	4g9f 1.106390396
## 12840	6XC9	4g9f 1.129071494
## 12841	1ao7	4gg6 1.509964885
## 12842	1bd2	4gg6 1.005531554
## 12843	1fyt	4gg6 1.242243176
## 12844	1j8h	4gg6 1.557845576
## 12845	1mi5	4gg6 1.146561589
## 12846	1oga	4gg6 1.156720899
## 12847	1qrn	4gg6 1.504251349
## 12848	1qse	4gg6 1.757478140
## 12849	1qsf	4gg6 1.499663233
## 12850	1zgl	4gg6 0.969094266
## 12851	2ak4	4gg6 0.706636407
## 12852	2bnq	4gg6 1.470036225
## 12853	2bnr	4gg6 1.354063331
## 12854	2esv	4gg6 1.378091526
## 12855	2f53	4gg6 1.197291547
## 12856	2f54	4gg6 1.390463004
## 12857	2gj6	4gg6 1.575748999
## 12858	2iam	4gg6 2.121221822
## 12859	2ian	4gg6 0.800875053
## 12860	2nx5	4gg6 0.800953701
## 12861	2p5e	4gg6 1.193353473
## 12862	2p5w	4gg6 1.195072759
## 12863	2pye	4gg6 1.086079563
## 12864	2vlj	4gg6 1.423740916
## 12865	2vlk	4gg6 1.808928827
## 12866	2vlr	4gg6 1.007307708
## 12867	2xn9	4gg6 1.103810456
## 12868	2yp1	4gg6 1.429897580
## 12869	3d39	4gg6 1.163335374
## 12870	3d3v	4gg6 1.201186172
## 12871	3dxa	4gg6 0.827314360
## 12872	3ffc	4gg6 0.749602418
## 12873	3gsn	4gg6 1.252237561
## 12874	3h9s	4gg6 1.161422152
## 12875	3hg1	4gg6 1.321098004
## 12876	3kpr	4gg6 0.960855584
## 12877	3kps	4gg6 1.115449458
## 12878	3kxf	4gg6 0.773018514
## 12879	3mv7	4gg6 1.288882739

## 12880	3mv8	4gg6 1.053270885
## 12881	3mv9	4gg6 1.463375638
## 12882	3o4l	4gg6 1.143311298
## 12883	3pwp	4gg6 1.163770457
## 12884	3qdg	4gg6 1.758618159
## 12885	3qdj	4gg6 1.759208236
## 12886	3qdm	4gg6 2.095177285
## 12887	3qeq	4gg6 1.298851898
## 12888	3qfj	4gg6 1.348071742
## 12889	3sjv	4gg6 0.975174944
## 12890	3uts	4gg6 1.225513367
## 12891	3utt	4gg6 0.907140462
## 12892	3vxm	4gg6 1.175604394
## 12893	3vxr	4gg6 0.884682878
## 12894	3vxs	4gg6 1.190327929
## 12895	4c56	4gg6 0.797980924
## 12896	4e41	4gg6 3.400200138
## 12897	4eup	4gg6 1.067768986
## 12898	4ftv	4gg6 1.016686822
## 12899	4g8g	4gg6 0.876313222
## 12900	4g9f	4gg6 1.207529392
## 12901	4gg6	4gg6 0.000000000
## 12902	4jfd	4gg6 1.325405512
## 12903	4jfe	4gg6 1.323995854
## 12904	4jff	4gg6 1.323133864
## 12905	4jrx	4gg6 1.107944838
## 12906	4jry	4gg6 1.209183854
## 12907	4l3e	4gg6 1.191307267
## 12908	4mji	4gg6 1.337053818
## 12909	4mnq	4gg6 1.156508654
## 12910	4ozf	4gg6 1.327448302
## 12911	4ozg	4gg6 2.905152551
## 12912	4ozh	4gg6 2.149281612
## 12913	4ozi	4gg6 2.835734002
## 12914	4prh	4gg6 0.970850298
## 12915	4pri	4gg6 0.865354616
## 12916	4prp	4gg6 0.943450777
## 12917	4qok	4gg6 1.307843155
## 12918	4qrp	4gg6 0.960990136
## 12919	4y19	4gg6 1.189065684
## 12920	4y1a	4gg6 1.154783487
## 12921	4z7u	4gg6 1.602655614
## 12922	4z7v	4gg6 0.997250301
## 12923	4z7w	4gg6 0.929909904
## 12924	5d2l	4gg6 0.778419147
## 12925	5d2n	4gg6 1.029564155
## 12926	1lp9	4gg6 0.818641022
## 12927	1ymm	4gg6 0.951964116
## 12928	2j8u	4gg6 0.820254363
## 12929	2jcc	4gg6 0.821128371
## 12930	2uwe	4gg6 0.819656602
## 12931	2wbj	4gg6 1.007177851
## 12932	3gjf	4gg6 0.980759376
## 12933	3hae	4gg6 1.036968183

## 12934	3nfj	4gg6 0.996687054
## 12935	3o6f	4gg6 1.012242404
## 12936	3p16	4gg6 1.044015553
## 12937	3t0e	4gg6 0.709346127
## 12938	4euq	4gg6 0.777704088
## 12939	4gr1	4gg6 1.186562253
## 12940	4h11	4gg6 0.885754452
## 12941	4may	4gg6 0.861846068
## 12942	4p4k	4gg6 0.903481938
## 12943	4qrr	4gg6 0.864797836
## 12944	4wuu	4gg6 1.366847351
## 12945	4zez	4gg6 0.886938616
## 12946	5brz	4gg6 2.370082911
## 12947	5bs0	4gg6 2.953675570
## 12948	5c07	4gg6 1.094241492
## 12949	5c08	4gg6 1.188755225
## 12950	5c09	4gg6 0.912814346
## 12951	5c0a	4gg6 1.255464117
## 12952	5c0b	4gg6 0.738365795
## 12953	5c0c	4gg6 1.437502295
## 12954	5e6i	4gg6 1.115093614
## 12955	5e9d	4gg6 1.146704254
## 12956	5eu6	4gg6 1.026274722
## 12957	5euo	4gg6 5.705859698
## 12958	5hhm	4gg6 1.287291497
## 12959	5hho	4gg6 1.097935950
## 12960	5hyj	4gg6 1.172893201
## 12961	5isz	4gg6 1.641863347
## 12962	5jhd	4gg6 1.078776066
## 12963	5jzi	4gg6 0.886481867
## 12964	5ks9	4gg6 0.947539121
## 12965	5ksa	4gg6 1.071446414
## 12966	5ksb	4gg6 0.744478245
## 12967	5men	4gg6 1.158064120
## 12968	5nht	4gg6 1.380700813
## 12969	5nme	4gg6 1.271896245
## 12970	5nmf	4gg6 1.144322731
## 12971	5nmg	4gg6 0.892161928
## 12972	5nqk	4gg6 1.384668255
## 12973	5tez	4gg6 3.254116964
## 12974	5w1v	4gg6 2.434387469
## 12975	5w1w	4gg6 2.429012699
## 12976	5wkf	4gg6 0.770702030
## 12977	5wkh	4gg6 0.827598054
## 12978	5xot	4gg6 0.873219466
## 12979	5xov	4gg6 0.996687054
## 12980	5yxn	4gg6 1.047818640
## 12981	5yxu	4gg6 1.143889137
## 12982	6am5	4gg6 1.195581287
## 12983	6amu	4gg6 1.046956281
## 12984	6avf	4gg6 1.578780137
## 12985	6avg	4gg6 0.946889369
## 12986	6bj2	4gg6 1.620568886
## 12987	6bj3	4gg6 0.735095939

## 12988	6bj8	4gg6 0.738146425
## 12989	6cql	4gg6 0.879723917
## 12990	6cqn	4gg6 1.846892917
## 12991	6cqq	4gg6 1.697249606
## 12992	6cqr	4gg6 0.727981649
## 12993	6d78	4gg6 1.192877285
## 12994	6dfx	4gg6 2.568925014
## 12995	6dkp	4gg6 1.183393562
## 12996	6dxs	4gg6 2.255571139
## 12997	6eqa	4gg6 1.323323544
## 12998	6eqb	4gg6 1.324708926
## 12999	6mtm	4gg6 1.078517862
## 13000	6p64	4gg6 2.358944520
## 13001	6px6	4gg6 1.033312513
## 13002	6py2	4gg6 1.109543166
## 13003	6q3s	4gg6 1.157785656
## 13004	6r2l	4gg6 1.070064799
## 13005	6rp9	4gg6 0.898286391
## 13006	6rpa	4gg6 1.128808800
## 13007	6rpb	4gg6 0.946477319
## 13008	6rsy	4gg6 1.103498003
## 13009	6tmo	4gg6 1.222912917
## 13010	6tro	4gg6 1.664034193
## 13011	6u3n	4gg6 1.020299423
## 13012	6u3o	4gg6 1.771025256
## 13013	6uon	4gg6 1.187571043
## 13014	6vm7	4gg6 1.056943061
## 13015	6vm8	4gg6 1.070517260
## 13016	6vma	4gg6 1.368404546
## 13017	6vmc	4gg6 1.383336393
## 13018	6vmx	4gg6 0.981103312
## 13019	6vqo	4gg6 1.038192213
## 13020	6vrm	4gg6 1.886509487
## 13021	6vrn	4gg6 1.046849469
## 13022	7n1e	4gg6 1.147677999
## 13023	7n1f	4gg6 1.115024407
## 13024	7n6e	4gg6 1.010072438
## 13025	6xc9	4gg6 1.058593616
## 13026	6xco	4gg6 0.748645249
## 13027	6xcp	4gg6 2.252383556
## 13028	6zkw	4gg6 1.158380229
## 13029	6zky	4gg6 1.240493541
## 13030	6zky	4gg6 1.156272471
## 13031	6zkz	4gg6 1.183445986
## 13032	7dzm	4gg6 1.215340363
## 13033	7dzn	4gg6 1.221919804
## 13034	7rm4	4gg6 1.109415391
## 13035	7rtr	4gg6 1.260027779
## 13036	7l1d	4gg6 1.205805594
## 13037	7sg0	4gg6 1.743996128
## 13038	7sg1	4gg6 0.940780659
## 13039	7sg2	4gg6 0.951360807
## 13040	7rrg	4gg6 1.383953221
## 13041	7n2s	4gg6 1.335038933

## 13042	7n2n	4gg6 1.342018533
## 13043	7n2o	4gg6 1.218172682
## 13044	7n2r	4gg6 1.210365514
## 13045	7n2p	4gg6 1.160556567
## 13046	7n2q	4gg6 1.090293078
## 13047	8cx4	4gg6 1.116588888
## 13048	8VCX	4gg6 1.970311793
## 13049	8VCY	4gg6 1.200709074
## 13050	8VD0	4gg6 0.882325302
## 13051	8VD2	4gg6 1.351450243
## 13052	6XCP	4gg6 2.252238649
## 13053	6XC0	4gg6 0.747943038
## 13054	6XC9	4gg6 1.057084005
## 13055	1ao7	4jfd 0.920737479
## 13056	1bd2	4jfd 0.818412141
## 13057	1fyt	4jfd 0.826016814
## 13058	1j8h	4jfd 0.937938744
## 13059	1mi5	4jfd 0.845421491
## 13060	1oga	4jfd 0.799943302
## 13061	1qrn	4jfd 1.025543775
## 13062	1qse	4jfd 0.936060747
## 13063	1qsf	4jfd 1.014552593
## 13064	1zgl	4jfd 1.061046177
## 13065	2ak4	4jfd 0.953608052
## 13066	2bnq	4jfd 0.681928123
## 13067	2bnr	4jfd 0.849572855
## 13068	2esv	4jfd 0.977381730
## 13069	2f53	4jfd 0.742522565
## 13070	2f54	4jfd 1.298350405
## 13071	2gj6	4jfd 0.947968012
## 13072	2iam	4jfd 3.288357195
## 13073	2ian	4jfd 0.880782869
## 13074	2nx5	4jfd 0.827634331
## 13075	2p5e	4jfd 0.748124666
## 13076	2p5w	4jfd 0.748971641
## 13077	2pye	4jfd 1.000231304
## 13078	2vlj	4jfd 0.985251038
## 13079	2vlk	4jfd 1.630172615
## 13080	2vlr	4jfd 0.853555300
## 13081	2xn9	4jfd 0.901165345
## 13082	2ypl	4jfd 0.834160973
## 13083	3d39	4jfd 0.510765048
## 13084	3d3v	4jfd 0.789569091
## 13085	3dxa	4jfd 1.136220002
## 13086	3ffc	4jfd 1.351452129
## 13087	3gsn	4jfd 0.529175469
## 13088	3h9s	4jfd 0.511036470
## 13089	3hg1	4jfd 0.128951085
## 13090	3kpr	4jfd 0.846225147
## 13091	3kps	4jfd 0.901920238
## 13092	3kxf	4jfd 0.901567986
## 13093	3mv7	4jfd 1.145065125
## 13094	3mv8	4jfd 0.869572336
## 13095	3mv9	4jfd 1.093373454

## 13096	3o4l	4jfd 0.886382832
## 13097	3pwp	4jfd 0.511618214
## 13098	3qdg	4jfd 0.981841252
## 13099	3qdj	4jfd 0.980447506
## 13100	3qdm	4jfd 1.740374059
## 13101	3qeq	4jfd 0.643229383
## 13102	3qfj	4jfd 0.466191280
## 13103	3sjv	4jfd 0.867250423
## 13104	3uts	4jfd 0.944203471
## 13105	3utt	4jfd 0.852794700
## 13106	3vxm	4jfd 0.952874499
## 13107	3vxr	4jfd 1.057438942
## 13108	3vxs	4jfd 1.110649918
## 13109	4c56	4jfd 0.713209561
## 13110	4e41	4jfd 3.990971077
## 13111	4eup	4jfd 0.883055963
## 13112	4ftv	4jfd 1.134441336
## 13113	4g8g	4jfd 1.438466793
## 13114	4g9f	4jfd 0.803839635
## 13115	4gg6	4jfd 1.325405512
## 13116	4jfd	4jfd 0.000000000
## 13117	4jfe	4jfd 0.036256435
## 13118	4jff	4jfd 0.033124854
## 13119	4jrx	4jfd 0.752526055
## 13120	4jry	4jfd 1.040203863
## 13121	4l3e	4jfd 1.128063061
## 13122	4mji	4jfd 1.897808796
## 13123	4mnq	4jfd 1.030463546
## 13124	4ozf	4jfd 1.167592143
## 13125	4ozg	4jfd 3.112852894
## 13126	4ozh	4jfd 2.190418335
## 13127	4ozi	4jfd 3.115471578
## 13128	4prh	4jfd 1.131224894
## 13129	4pri	4jfd 1.084138836
## 13130	4prp	4jfd 1.139868532
## 13131	4qok	4jfd 0.805683847
## 13132	4qrp	4jfd 0.892983536
## 13133	4y19	4jfd 1.475509788
## 13134	4y1a	4jfd 1.119478333
## 13135	4z7u	4jfd 1.608817094
## 13136	4z7v	4jfd 1.332853835
## 13137	4z7w	4jfd 0.785150861
## 13138	5d2l	4jfd 1.035019610
## 13139	5d2n	4jfd 0.670831939
## 13140	1lp9	4jfd 0.777857405
## 13141	1ymm	4jfd 1.420736158
## 13142	2j8u	4jfd 0.778396950
## 13143	2jcc	4jfd 0.778293597
## 13144	2uwe	4jfd 0.777441325
## 13145	2wbj	4jfd 0.938585347
## 13146	3gjf	4jfd 0.850693491
## 13147	3hae	4jfd 1.053365267
## 13148	3nfj	4jfd 0.744874418
## 13149	3o6f	4jfd 0.754464997

## 13150	3p16	4jfd 1.088185889
## 13151	3t0e	4jfd 1.034450837
## 13152	4euq	4jfd 1.365466458
## 13153	4gr1	4jfd 0.716102070
## 13154	4h11	4jfd 1.435287550
## 13155	4may	4jfd 1.115115963
## 13156	4p4k	4jfd 0.676975250
## 13157	4qrr	4jfd 0.936031269
## 13158	4wuu	4jfd 0.983409282
## 13159	4zez	4jfd 1.392888678
## 13160	5brz	4jfd 1.911067607
## 13161	5bs0	4jfd 2.877882898
## 13162	5c07	4jfd 1.023342818
## 13163	5c08	4jfd 0.827603082
## 13164	5c09	4jfd 0.853826185
## 13165	5c0a	4jfd 1.435581373
## 13166	5c0b	4jfd 1.174413316
## 13167	5c0c	4jfd 1.285132838
## 13168	5e6i	4jfd 1.133275718
## 13169	5e9d	4jfd 0.818186339
## 13170	5eu6	4jfd 1.030317784
## 13171	5euo	4jfd 7.068390535
## 13172	5hhm	4jfd 1.190380116
## 13173	5hho	4jfd 1.202730906
## 13174	5hyj	4jfd 0.930624086
## 13175	5isz	4jfd 0.747206841
## 13176	5jhd	4jfd 1.078902736
## 13177	5jzi	4jfd 1.392606378
## 13178	5ks9	4jfd 1.383677485
## 13179	5ksa	4jfd 0.854259274
## 13180	5ksb	4jfd 0.865044532
## 13181	5men	4jfd 1.030999305
## 13182	5nht	4jfd 1.161409503
## 13183	5nme	4jfd 0.993821264
## 13184	5nmf	4jfd 0.735088451
## 13185	5nmg	4jfd 0.875682988
## 13186	5nqk	4jfd 1.170578514
## 13187	5tez	4jfd 3.353090633
## 13188	5w1v	4jfd 3.104257442
## 13189	5w1w	4jfd 3.284360177
## 13190	5wkf	4jfd 0.956900588
## 13191	5wkh	4jfd 0.653595029
## 13192	5xot	4jfd 1.161710899
## 13193	5xov	4jfd 0.744874418
## 13194	5yxn	4jfd 0.941338688
## 13195	5yxu	4jfd 0.789353471
## 13196	6am5	4jfd 1.139253939
## 13197	6amu	4jfd 1.131373840
## 13198	6avf	4jfd 1.814868360
## 13199	6avg	4jfd 1.106549927
## 13200	6bj2	4jfd 1.708820480
## 13201	6bj3	4jfd 1.275561791
## 13202	6bj8	4jfd 1.279020720
## 13203	6cql	4jfd 1.078367371

## 13204	6cqn	4jfd 2.841107986
## 13205	6cqq	4jfd 1.660092251
## 13206	6cqr	4jfd 0.896558461
## 13207	6d78	4jfd 1.139484411
## 13208	6dfx	4jfd 2.917205204
## 13209	6dkp	4jfd 1.125817937
## 13210	6dxf	4jfd 1.647674444
## 13211	6eqa	4jfd 0.126867374
## 13212	6eqb	4jfd 0.048996955
## 13213	6mtm	4jfd 0.938961470
## 13214	6p64	4jfd 2.636326578
## 13215	6px6	4jfd 0.908418051
## 13216	6py2	4jfd 0.829525188
## 13217	6q3s	4jfd 0.827755182
## 13218	6r2l	4jfd 1.029616954
## 13219	6rp9	4jfd 1.054421864
## 13220	6rpa	4jfd 0.920513151
## 13221	6rpb	4jfd 0.959182061
## 13222	6rsy	4jfd 0.679147033
## 13223	6tmo	4jfd 1.099043629
## 13224	6tro	4jfd 1.169383405
## 13225	6u3n	4jfd 0.886256293
## 13226	6u3o	4jfd 1.945809561
## 13227	6uon	4jfd 0.867011931
## 13228	6vm7	4jfd 1.053828449
## 13229	6vm8	4jfd 1.002202793
## 13230	6vma	4jfd 0.929129333
## 13231	6vmc	4jfd 0.986876716
## 13232	6vmx	4jfd 1.289552730
## 13233	6vqo	4jfd 0.775277767
## 13234	6vrm	4jfd 1.514128040
## 13235	6vrn	4jfd 0.940720992
## 13236	7n1e	4jfd 0.836213128
## 13237	7n1f	4jfd 0.709680449
## 13238	7n6e	4jfd 0.853221986
## 13239	6xc9	4jfd 1.066454876
## 13240	6xco	4jfd 1.209394244
## 13241	6xcp	4jfd 3.014726327
## 13242	6zkw	4jfd 0.968005198
## 13243	6zky	4jfd 0.698839588
## 13244	6zky	4jfd 0.968978055
## 13245	6zkz	4jfd 1.113644022
## 13246	7dzm	4jfd 1.324841057
## 13247	7dzn	4jfd 0.633291970
## 13248	7rm4	4jfd 1.207249305
## 13249	7rtr	4jfd 0.618982746
## 13250	7l1d	4jfd 0.996010735
## 13251	7sg0	4jfd 1.124298299
## 13252	7sg1	4jfd 1.214258089
## 13253	7sg2	4jfd 1.200444178
## 13254	7rrg	4jfd 0.708436196
## 13255	7n2s	4jfd 0.629631430
## 13256	7n2n	4jfd 0.619437652
## 13257	7n2o	4jfd 0.756578978

## 13258	7n2r	4jfd 1.170209739
## 13259	7n2p	4jfd 0.905371335
## 13260	7n2q	4jfd 0.944499157
## 13261	8cx4	4jfd 0.716303277
## 13262	8VCX	4jfd 2.619073651
## 13263	8VCY	4jfd 0.701383795
## 13264	8VD0	4jfd 0.887541739
## 13265	8VD2	4jfd 1.054810498
## 13266	6XCP	4jfd 3.014977482
## 13267	6XC0	4jfd 1.209729720
## 13268	6XC9	4jfd 1.065024138
## 13269	1ao7	4jfe 0.922490386
## 13270	1bd2	4jfe 0.821144353
## 13271	1fyt	4jfe 0.827906673
## 13272	1j8h	4jfe 0.938790124
## 13273	1mi5	4jfe 0.844895737
## 13274	1oga	4jfe 0.800536693
## 13275	1qrn	4jfe 1.027882606
## 13276	1qse	4jfe 0.937924501
## 13277	1qsf	4jfe 1.016819269
## 13278	1zgl	4jfe 1.060068860
## 13279	2ak4	4jfe 0.952986626
## 13280	2bnq	4jfe 0.680048360
## 13281	2bnr	4jfe 0.846249908
## 13282	2esv	4jfe 0.980316488
## 13283	2f53	4jfe 0.743562398
## 13284	2f54	4jfe 1.298478818
## 13285	2gj6	4jfe 0.949212534
## 13286	2iam	4jfe 3.288324963
## 13287	2ian	4jfe 0.879207515
## 13288	2nx5	4jfe 0.827399617
## 13289	2p5e	4jfe 0.749058124
## 13290	2p5w	4jfe 0.749922982
## 13291	2pye	4jfe 0.999550446
## 13292	2vlj	4jfe 0.985547576
## 13293	2vlk	4jfe 1.633666556
## 13294	2v1r	4jfe 0.855653697
## 13295	2xn9	4jfe 0.899898676
## 13296	2ypl	4jfe 0.830151063
## 13297	3d39	4jfe 0.507506481
## 13298	3d3v	4jfe 0.790764642
## 13299	3dxa	4jfe 1.136234606
## 13300	3ffc	4jfe 1.349478747
## 13301	3gsn	4jfe 0.528647195
## 13302	3h9s	4jfe 0.507776299
## 13303	3hg1	4jfe 0.131066684
## 13304	3kpr	4jfe 0.844863175
## 13305	3kps	4jfe 0.900468132
## 13306	3kxf	4jfe 0.901021826
## 13307	3mv7	4jfe 1.144773341
## 13308	3mv8	4jfe 0.867186930
## 13309	3mv9	4jfe 1.094445419
## 13310	3o4l	4jfe 0.885097933
## 13311	3pwp	4jfe 0.508384807

## 13312	3qdg	4jfe 0.982470346
## 13313	3qdj	4jfe 0.981090643
## 13314	3qdm	4jfe 1.740293427
## 13315	3qeq	4jfe 0.642075697
## 13316	3qfj	4jfe 0.463978665
## 13317	3sjv	4jfe 0.867862426
## 13318	3uts	4jfe 0.944347448
## 13319	3utt	4jfe 0.850642448
## 13320	3vxm	4jfe 0.953962020
## 13321	3vxr	4jfe 1.054932542
## 13322	3vxs	4jfe 1.110175021
## 13323	4c56	4jfe 0.711016193
## 13324	4e41	4jfe 3.990237859
## 13325	4eup	4jfe 0.882248459
## 13326	4ftv	4jfe 1.132544133
## 13327	4g8g	4jfe 1.436664089
## 13328	4g9f	4jfe 0.800618900
## 13329	4gg6	4jfe 1.323995854
## 13330	4jfd	4jfe 0.036256435
## 13331	4jfe	4jfe 0.000000000
## 13332	4jff	4jfe 0.045325492
## 13333	4jrx	4jfe 0.754184233
## 13334	4jry	4jfe 1.038338168
## 13335	4l3e	4jfe 1.124545250
## 13336	4mji	4jfe 1.896015675
## 13337	4mnq	4jfe 1.031596221
## 13338	4ozf	4jfe 1.165747827
## 13339	4ozg	4jfe 3.113129826
## 13340	4ozh	4jfe 2.189078259
## 13341	4ozi	4jfe 3.115508973
## 13342	4prh	4jfe 1.131045007
## 13343	4pri	4jfe 1.083418184
## 13344	4prp	4jfe 1.140257306
## 13345	4qok	4jfe 0.804586092
## 13346	4qrp	4jfe 0.891468824
## 13347	4y19	4jfe 1.472431537
## 13348	4y1a	4jfe 1.117071387
## 13349	4z7u	4jfe 1.608573857
## 13350	4z7v	4jfe 1.331613740
## 13351	4z7w	4jfe 0.785424928
## 13352	5d2l	4jfe 1.035052434
## 13353	5d2n	4jfe 0.669224966
## 13354	1lp9	4jfe 0.778792488
## 13355	1ymm	4jfe 1.416997728
## 13356	2j8u	4jfe 0.779343056
## 13357	2jcc	4jfe 0.779232368
## 13358	2uwe	4jfe 0.778381568
## 13359	2wbj	4jfe 0.937437547
## 13360	3gjf	4jfe 0.850310720
## 13361	3hae	4jfe 1.052519267
## 13362	3nfj	4jfe 0.745075780
## 13363	3o6f	4jfe 0.754780927
## 13364	3p16	4jfe 1.087268976
## 13365	3t0e	4jfe 1.033593947

## 13366	4euq	4jfe 1.362937713
## 13367	4grl	4jfe 0.713606265
## 13368	4h1l	4jfe 1.433975442
## 13369	4may	4jfe 1.114542353
## 13370	4p4k	4jfe 0.675757222
## 13371	4qrr	4jfe 0.933996805
## 13372	4wuu	4jfe 0.981134037
## 13373	4zez	4jfe 1.392091445
## 13374	5brz	4jfe 1.915055202
## 13375	5bs0	4jfe 2.880101241
## 13376	5c07	4jfe 1.022849545
## 13377	5c08	4jfe 0.826460153
## 13378	5c09	4jfe 0.851709616
## 13379	5c0a	4jfe 1.435330801
## 13380	5c0b	4jfe 1.173956335
## 13381	5c0c	4jfe 1.283741778
## 13382	5e6i	4jfe 1.133232347
## 13383	5e9d	4jfe 0.818006488
## 13384	5eu6	4jfe 1.029331831
## 13385	5euo	4jfe 7.065820733
## 13386	5hhm	4jfe 1.190648081
## 13387	5hho	4jfe 1.199933064
## 13388	5hyj	4jfe 0.930500110
## 13389	5isz	4jfe 0.745443493
## 13390	5jhd	4jfe 1.078718521
## 13391	5jzi	4jfe 1.391808375
## 13392	5ks9	4jfe 1.382557908
## 13393	5ksa	4jfe 0.851003946
## 13394	5ksb	4jfe 0.864517807
## 13395	5men	4jfe 1.032144800
## 13396	5nht	4jfe 1.158295307
## 13397	5nme	4jfe 0.993706619
## 13398	5nmf	4jfe 0.735212571
## 13399	5nmg	4jfe 0.873834743
## 13400	5nqk	4jfe 1.167403631
## 13401	5tez	4jfe 3.353178444
## 13402	5w1v	4jfe 3.103297069
## 13403	5w1w	4jfe 3.283043302
## 13404	5wkf	4jfe 0.955611210
## 13405	5wkh	4jfe 0.651711291
## 13406	5xot	4jfe 1.159863435
## 13407	5xov	4jfe 0.745075780
## 13408	5yxn	4jfe 0.938754545
## 13409	5yxu	4jfe 0.789523487
## 13410	6am5	4jfe 1.135592955
## 13411	6amu	4jfe 1.128668555
## 13412	6avf	4jfe 1.811410958
## 13413	6avg	4jfe 1.104378162
## 13414	6bj2	4jfe 1.708388863
## 13415	6bj3	4jfe 1.274105929
## 13416	6bj8	4jfe 1.277586630
## 13417	6cql	4jfe 1.075430052
## 13418	6cqn	4jfe 2.840478027
## 13419	6cqq	4jfe 1.658225970

## 13420	6cqr	4jfe 0.896390338
## 13421	6d78	4jfe 1.135953835
## 13422	6dfx	4jfe 2.916921681
## 13423	6dkp	4jfe 1.122354192
## 13424	6dxs	4jfe 1.649384445
## 13425	6eqa	4jfe 0.129142521
## 13426	6eqb	4jfe 0.045893093
## 13427	6mtm	4jfe 0.936848994
## 13428	6p64	4jfe 2.636177745
## 13429	6px6	4jfe 0.909340990
## 13430	6py2	4jfe 0.829929579
## 13431	6q3s	4jfe 0.823893750
## 13432	6r2l	4jfe 1.032431827
## 13433	6rp9	4jfe 1.053661500
## 13434	6rpa	4jfe 0.920825707
## 13435	6rpb	4jfe 0.959347087
## 13436	6rsy	4jfe 0.677162538
## 13437	6tmo	4jfe 1.100795198
## 13438	6tro	4jfe 1.171070168
## 13439	6u3n	4jfe 0.885317701
## 13440	6u3o	4jfe 1.944806969
## 13441	6uon	4jfe 0.867459389
## 13442	6vm7	4jfe 1.051450578
## 13443	6vm8	4jfe 0.999863386
## 13444	6vma	4jfe 0.928694429
## 13445	6vmc	4jfe 0.988106065
## 13446	6vmx	4jfe 1.287961612
## 13447	6vqo	4jfe 0.774349452
## 13448	6vrm	4jfe 1.516518671
## 13449	6vrn	4jfe 0.937886711
## 13450	7n1e	4jfe 0.837227719
## 13451	7n1f	4jfe 0.712145041
## 13452	7n6e	4jfe 0.854266547
## 13453	6xc9	4jfe 1.065854428
## 13454	6xco	4jfe 1.208404958
## 13455	6xcp	4jfe 3.014765391
## 13456	6zkw	4jfe 0.964667160
## 13457	6zks	4jfe 0.694278257
## 13458	6zky	4jfe 0.965696641
## 13459	6zkz	4jfe 1.112584568
## 13460	7dzm	4jfe 1.325527353
## 13461	7dzn	4jfe 0.631741891
## 13462	7rm4	4jfe 1.206145057
## 13463	7rtr	4jfe 0.622497172
## 13464	7l1d	4jfe 0.992723929
## 13465	7sg0	4jfe 1.124203205
## 13466	7sg1	4jfe 1.213381447
## 13467	7sg2	4jfe 1.199352102
## 13468	7rrg	4jfe 0.707902110
## 13469	7n2s	4jfe 0.626960664
## 13470	7n2n	4jfe 0.616545540
## 13471	7n2o	4jfe 0.757984590
## 13472	7n2r	4jfe 1.169149802
## 13473	7n2p	4jfe 0.902681753

## 13474	7n2q	4jfe 0.942813921
## 13475	8cx4	4jfe 0.717481397
## 13476	8VCX	4jfe 2.617501437
## 13477	8VCY	4jfe 0.699728698
## 13478	8VD0	4jfe 0.887813901
## 13479	8VD2	4jfe 1.054322282
## 13480	6XCP	4jfe 3.015016398
## 13481	6XC0	4jfe 1.208748914
## 13482	6XC9	4jfe 1.064444728
## 13483	1ao7	4jff 0.920756428
## 13484	1bd2	4jff 0.820982870
## 13485	1fyt	4jff 0.826585625
## 13486	1j8h	4jff 0.935798322
## 13487	1mi5	4jff 0.841974168
## 13488	1oga	4jff 0.799808592
## 13489	1qrn	4jff 1.024928263
## 13490	1qse	4jff 0.937083247
## 13491	1qsf	4jff 1.013861268
## 13492	1zgl	4jff 1.060268392
## 13493	2ak4	4jff 0.952549831
## 13494	2bnq	4jff 0.679408995
## 13495	2bnr	4jff 0.846225490
## 13496	2esv	4jff 0.977886988
## 13497	2f53	4jff 0.743735862
## 13498	2f54	4jff 1.299768955
## 13499	2gj6	4jff 0.946261307
## 13500	2iam	4jff 3.287825320
## 13501	2ian	4jff 0.878223291
## 13502	2nx5	4jff 0.827550636
## 13503	2p5e	4jff 0.749201892
## 13504	2p5w	4jff 0.750072067
## 13505	2pye	4jff 0.999819407
## 13506	2vlj	4jff 0.988498663
## 13507	2vlk	4jff 1.631266510
## 13508	2vlr	4jff 0.856330922
## 13509	2xn9	4jff 0.898871977
## 13510	2yp1	4jff 0.831734708
## 13511	3d39	4jff 0.505503795
## 13512	3d3v	4jff 0.790727637
## 13513	3dxa	4jff 1.136666930
## 13514	3ffc	4jff 1.347211403
## 13515	3gsn	4jff 0.529706191
## 13516	3h9s	4jff 0.505768150
## 13517	3hg1	4jff 0.131115848
## 13518	3kpr	4jff 0.844941014
## 13519	3kps	4jff 0.900905931
## 13520	3kxf	4jff 0.900589202
## 13521	3mv7	4jff 1.143773175
## 13522	3mv8	4jff 0.865356868
## 13523	3mv9	4jff 1.093164305
## 13524	3o4l	4jff 0.884062699
## 13525	3pwp	4jff 0.506373818
## 13526	3qdg	4jff 0.984183292
## 13527	3qdj	4jff 0.982802438

## 13528	3qdm	4jff 1.742782378
## 13529	3qeq	4jff 0.643320177
## 13530	3qfj	4jff 0.466204248
## 13531	3sjv	4jff 0.868601056
## 13532	3uts	4jff 0.944497592
## 13533	3utt	4jff 0.849004217
## 13534	3vxm	4jff 0.954418223
## 13535	3vxx	4jff 1.053796496
## 13536	3vxs	4jff 1.110397068
## 13537	4c56	4jff 0.710637942
## 13538	4e41	4jff 3.990100605
## 13539	4eup	4jff 0.882249994
## 13540	4ftv	4jff 1.130939753
## 13541	4g8g	4jff 1.435612826
## 13542	4g9f	4jff 0.798214804
## 13543	4gg6	4jff 1.323133864
## 13544	4jfd	4jff 0.033124854
## 13545	4jfe	4jff 0.045325492
## 13546	4jff	4jff 0.000000000
## 13547	4jrx	4jff 0.754593622
## 13548	4jry	4jff 1.040052339
## 13549	4l3e	4jff 1.123377432
## 13550	4mji	4jff 1.894819235
## 13551	4mnq	4jff 1.029436603
## 13552	4ozf	4jff 1.167678894
## 13553	4ozg	4jff 3.113867389
## 13554	4ozh	4jff 2.190261556
## 13555	4ozi	4jff 3.115323054
## 13556	4prh	4jff 1.129340995
## 13557	4pri	4jff 1.081799354
## 13558	4prp	4jff 1.138867825
## 13559	4qok	4jff 0.800922679
## 13560	4qrp	4jff 0.890659274
## 13561	4y19	4jff 1.472451125
## 13562	4y1a	4jff 1.114390510
## 13563	4z7u	4jff 1.608223081
## 13564	4z7v	4jff 1.331522699
## 13565	4z7w	4jff 0.785189625
## 13566	5d2l	4jff 1.034303176
## 13567	5d2n	4jff 0.670201946
## 13568	1lp9	4jff 0.778036688
## 13569	1ymm	4jff 1.414732832
## 13570	2j8u	4jff 0.778599888
## 13571	2jcc	4jff 0.778484266
## 13572	2uwe	4jff 0.777635792
## 13573	2wbj	4jff 0.937253085
## 13574	3gjf	4jff 0.850583045
## 13575	3hae	4jff 1.052792761
## 13576	3nfj	4jff 0.744942438
## 13577	3o6f	4jff 0.754720666
## 13578	3p16	4jff 1.084281097
## 13579	3t0e	4jff 1.032286782
## 13580	4euq	4jff 1.361273956
## 13581	4grl	4jff 0.712673144

## 13582	4h1l	4jff 1.433448030
## 13583	4may	4jff 1.112507056
## 13584	4p4k	4jff 0.675220588
## 13585	4qrr	4jff 0.931852237
## 13586	4wuu	4jff 0.981457525
## 13587	4zez	4jff 1.391572235
## 13588	5brz	4jff 1.917208737
## 13589	5bs0	4jff 2.882924130
## 13590	5c07	4jff 1.023395979
## 13591	5c08	4jff 0.827494909
## 13592	5c09	4jff 0.850053932
## 13593	5c0a	4jff 1.435477938
## 13594	5c0b	4jff 1.172013994
## 13595	5c0c	4jff 1.285848584
## 13596	5e6i	4jff 1.133218655
## 13597	5e9d	4jff 0.818590966
## 13598	5eu6	4jff 1.026627071
## 13599	5euo	4jff 7.066678426
## 13600	5hhm	4jff 1.189124112
## 13601	5hho	4jff 1.198795595
## 13602	5hyj	4jff 0.930573102
## 13603	5isz	4jff 0.747740908
## 13604	5jhd	4jff 1.078102910
## 13605	5jzi	4jff 1.391290807
## 13606	5ks9	4jff 1.380785872
## 13607	5ksa	4jff 0.850190124
## 13608	5ksb	4jff 0.864782745
## 13609	5men	4jff 1.029976551
## 13610	5nht	4jff 1.158943296
## 13611	5nme	4jff 0.992762950
## 13612	5nmf	4jff 0.736489651
## 13613	5nmg	4jff 0.873007730
## 13614	5nqk	4jff 1.168041738
## 13615	5tez	4jff 3.356179429
## 13616	5w1v	4jff 3.103730123
## 13617	5w1w	4jff 3.282849225
## 13618	5wkf	4jff 0.955158779
## 13619	5wkh	4jff 0.649899983
## 13620	5xot	4jff 1.158998484
## 13621	5xov	4jff 0.744942438
## 13622	5yxn	4jff 0.936102429
## 13623	5yxu	4jff 0.790409353
## 13624	6am5	4jff 1.134601273
## 13625	6amu	4jff 1.127299696
## 13626	6avf	4jff 1.813061130
## 13627	6avg	4jff 1.103173152
## 13628	6bj2	4jff 1.708617706
## 13629	6bj3	4jff 1.273501366
## 13630	6bj8	4jff 1.276944699
## 13631	6cql	4jff 1.072908707
## 13632	6cqn	4jff 2.839568556
## 13633	6cqq	4jff 1.660041024
## 13634	6cqr	4jff 0.896357423
## 13635	6d78	4jff 1.134667899

## 13636	6dfx	4jff 2.916755627
## 13637	6dkp	4jff 1.121102889
## 13638	6dxs	4jff 1.650652400
## 13639	6eqa	4jff 0.129225206
## 13640	6eqb	4jff 0.056198627
## 13641	6mtm	4jff 0.935058427
## 13642	6p64	4jff 2.636427586
## 13643	6px6	4jff 0.908285501
## 13644	6py2	4jff 0.827706261
## 13645	6q3s	4jff 0.821019786
## 13646	6r2l	4jff 1.032176071
## 13647	6rp9	4jff 1.053637018
## 13648	6rpa	4jff 0.921221184
## 13649	6rpb	4jff 0.960021124
## 13650	6rsy	4jff 0.676324595
## 13651	6tmo	4jff 1.100712050
## 13652	6tro	4jff 1.168372153
## 13653	6u3n	4jff 0.882886271
## 13654	6u3o	4jff 1.946110886
## 13655	6uon	4jff 0.867421342
## 13656	6vm7	4jff 1.050027162
## 13657	6vm8	4jff 0.998959005
## 13658	6vma	4jff 0.925863129
## 13659	6vmc	4jff 0.987555777
## 13660	6vmx	4jff 1.287577064
## 13661	6vqo	4jff 0.772925151
## 13662	6vrm	4jff 1.518701415
## 13663	6vrn	4jff 0.935331572
## 13664	7n1e	4jff 0.836354238
## 13665	7n1f	4jff 0.712143562
## 13666	7n6e	4jff 0.854266456
## 13667	6xc9	4jff 1.067181708
## 13668	6xco	4jff 1.207145052
## 13669	6xcp	4jff 3.015682447
## 13670	6zkw	4jff 0.964058882
## 13671	6zks	4jff 0.691620639
## 13672	6zky	4jff 0.965038734
## 13673	6zkz	4jff 1.112636452
## 13674	7dzm	4jff 1.323568233
## 13675	7dzn	4jff 0.629030983
## 13676	7rm4	4jff 1.206098311
## 13677	7rtr	4jff 0.624623549
## 13678	7l1d	4jff 0.990670589
## 13679	7sg0	4jff 1.124733362
## 13680	7sg1	4jff 1.213612636
## 13681	7sg2	4jff 1.199787084
## 13682	7rrg	4jff 0.706900490
## 13683	7n2s	4jff 0.623798518
## 13684	7n2n	4jff 0.613479214
## 13685	7n2o	4jff 0.760769658
## 13686	7n2r	4jff 1.169164968
## 13687	7n2p	4jff 0.903460202
## 13688	7n2q	4jff 0.943213634
## 13689	8cx4	4jff 0.718230086

## 13690	8VCX	4jff 2.615853699
## 13691	8VCY	4jff 0.698276077
## 13692	8VD0	4jff 0.886230781
## 13693	8VD2	4jff 1.052685021
## 13694	6XCP	4jff 3.015934360
## 13695	6XC0	4jff 1.207488769
## 13696	6XC9	4jff 1.065775322
## 13697	1ao7	4jrx 1.105118960
## 13698	1bd2	4jrx 0.395638969
## 13699	1fyt	4jrx 0.784353488
## 13700	1j8h	4jrx 1.326358203
## 13701	1mi5	4jrx 1.055269070
## 13702	1oga	4jrx 0.684536009
## 13703	1qrn	4jrx 1.190896697
## 13704	1qse	4jrx 1.333233177
## 13705	1qsf	4jrx 1.182482810
## 13706	1zgl	4jrx 1.001417099
## 13707	2ak4	4jrx 0.798388101
## 13708	2bnq	4jrx 0.992685327
## 13709	2bnr	4jrx 0.939227426
## 13710	2esv	4jrx 1.046092761
## 13711	2f53	4jrx 0.442130762
## 13712	2f54	4jrx 1.268412911
## 13713	2gj6	4jrx 1.315422725
## 13714	2iam	4jrx 3.205570487
## 13715	2ian	4jrx 0.881918238
## 13716	2nx5	4jrx 0.721338696
## 13717	2p5e	4jrx 0.439163450
## 13718	2p5w	4jrx 0.440438477
## 13719	2pye	4jrx 0.511122474
## 13720	2vlj	4jrx 0.764375102
## 13721	2vlk	4jrx 1.817100237
## 13722	2vlr	4jrx 0.763884872
## 13723	2xn9	4jrx 0.894679153
## 13724	2yp1	4jrx 1.007944605
## 13725	3d39	4jrx 0.771287516
## 13726	3d3v	4jrx 0.689475510
## 13727	3dxa	4jrx 0.953695489
## 13728	3ffc	4jrx 1.206942220
## 13729	3gsn	4jrx 0.706467429
## 13730	3h9s	4jrx 0.768793628
## 13731	3hg1	4jrx 0.748121998
## 13732	3kpr	4jrx 0.677973223
## 13733	3kps	4jrx 0.531842592
## 13734	3kxf	4jrx 0.807954074
## 13735	3mv7	4jrx 0.937327497
## 13736	3mv8	4jrx 0.882693868
## 13737	3mv9	4jrx 1.095992556
## 13738	3o41	4jrx 0.888056176
## 13739	3pwp	4jrx 0.772837420
## 13740	3qdg	4jrx 1.274993015
## 13741	3qdj	4jrx 1.274377409
## 13742	3qdm	4jrx 1.841567957
## 13743	3qeq	4jrx 0.811503412

## 13744	3qfj	4jrx 0.761695133
## 13745	3sjv	4jrx 0.860973707
## 13746	3uts	4jrx 1.077043973
## 13747	3utt	4jrx 0.944096053
## 13748	3vxm	4jrx 0.493037001
## 13749	3vxr	4jrx 0.930428544
## 13750	3vxs	4jrx 0.613217235
## 13751	4c56	4jrx 0.735497484
## 13752	4e41	4jrx 4.161881554
## 13753	4eup	4jrx 0.760150849
## 13754	4ftv	4jrx 0.746066048
## 13755	4g8g	4jrx 1.077531453
## 13756	4g9f	4jrx 0.955244357
## 13757	4gg6	4jrx 1.107944838
## 13758	4jfd	4jrx 0.752526055
## 13759	4jfe	4jrx 0.754184233
## 13760	4jff	4jrx 0.754593622
## 13761	4jrx	4jrx 0.000000000
## 13762	4jry	4jrx 0.814446900
## 13763	4l3e	4jrx 1.015815905
## 13764	4mji	4jrx 1.856445685
## 13765	4mnq	4jrx 0.843020820
## 13766	4ozf	4jrx 1.129818239
## 13767	4ozg	4jrx 3.251013794
## 13768	4ozh	4jrx 2.218763146
## 13769	4ozi	4jrx 3.274021783
## 13770	4prh	4jrx 0.730589636
## 13771	4pri	4jrx 0.809459886
## 13772	4prp	4jrx 0.720474938
## 13773	4qok	4jrx 1.076096737
## 13774	4qrp	4jrx 0.860463041
## 13775	4y19	4jrx 1.218335517
## 13776	4y1a	4jrx 0.961275461
## 13777	4z7u	4jrx 1.670541542
## 13778	4z7v	4jrx 1.270967048
## 13779	4z7w	4jrx 0.638470855
## 13780	5d2l	4jrx 1.011469546
## 13781	5d2n	4jrx 0.636279120
## 13782	1lp9	4jrx 0.594505734
## 13783	1ymm	4jrx 1.249381042
## 13784	2j8u	4jrx 0.593999183
## 13785	2jcc	4jrx 0.595510487
## 13786	2uwe	4jrx 0.593440897
## 13787	2wbj	4jrx 0.968351524
## 13788	3gjf	4jrx 0.766340282
## 13789	3hae	4jrx 1.018767383
## 13790	3nfj	4jrx 0.792576318
## 13791	3o6f	4jrx 0.672533547
## 13792	3pl6	4jrx 1.182829087
## 13793	3t0e	4jrx 0.936981431
## 13794	4euq	4jrx 1.262814117
## 13795	4grl	4jrx 0.822157677
## 13796	4h1l	4jrx 1.234673466
## 13797	4may	4jrx 0.782021423

## 13798	4p4k	4jrx 0.770649289
## 13799	4qrr	4jrx 0.793938311
## 13800	4wuu	4jrx 0.960414701
## 13801	4zez	4jrx 1.209204401
## 13802	5brz	4jrx 2.093613772
## 13803	5bs0	4jrx 2.943298686
## 13804	5c07	4jrx 1.053984074
## 13805	5c08	4jrx 0.912952448
## 13806	5c09	4jrx 0.951134934
## 13807	5c0a	4jrx 1.329023059
## 13808	5c0b	4jrx 1.052193872
## 13809	5c0c	4jrx 1.348540996
## 13810	5e6i	4jrx 1.188951079
## 13811	5e9d	4jrx 0.569027566
## 13812	5eu6	4jrx 1.088922996
## 13813	5euo	4jrx 7.192767225
## 13814	5hhm	4jrx 1.260303497
## 13815	5hho	4jrx 0.936483135
## 13816	5hyj	4jrx 1.025083569
## 13817	5isz	4jrx 1.116165839
## 13818	5jhd	4jrx 1.177978629
## 13819	5jzi	4jrx 1.208344571
## 13820	5ks9	4jrx 1.279335596
## 13821	5ksa	4jrx 0.809794367
## 13822	5ksb	4jrx 0.638193102
## 13823	5men	4jrx 0.842786869
## 13824	5nht	4jrx 1.046034209
## 13825	5nme	4jrx 1.246532207
## 13826	5nmf	4jrx 0.863654022
## 13827	5nmg	4jrx 0.901764676
## 13828	5nqk	4jrx 1.054467053
## 13829	5tez	4jrx 3.373718472
## 13830	5w1v	4jrx 3.092281320
## 13831	5w1w	4jrx 3.312929787
## 13832	5wkf	4jrx 0.713802645
## 13833	5wkh	4jrx 0.740337039
## 13834	5xot	4jrx 0.794797644
## 13835	5xov	4jrx 0.792576318
## 13836	5yxn	4jrx 0.948107580
## 13837	5yxu	4jrx 0.788503605
## 13838	6am5	4jrx 1.019697321
## 13839	6amu	4jrx 0.953012431
## 13840	6avf	4jrx 1.717039811
## 13841	6avg	4jrx 0.943949400
## 13842	6bj2	4jrx 1.492855633
## 13843	6bj3	4jrx 0.903052897
## 13844	6bj8	4jrx 0.907108315
## 13845	6cql	4jrx 1.035538987
## 13846	6cqn	4jrx 2.823733275
## 13847	6cqq	4jrx 1.699055828
## 13848	6cqr	4jrx 0.720731420
## 13849	6d78	4jrx 1.019577536
## 13850	6dfx	4jrx 3.118887898
## 13851	6dkp	4jrx 1.007638352

## 13852	6dxf	4jrx 1.925673531
## 13853	6eqa	4jrx 0.751745709
## 13854	6eqb	4jrx 0.751577985
## 13855	6mtm	4jrx 0.920800715
## 13856	6p64	4jrx 2.779461029
## 13857	6px6	4jrx 0.548750262
## 13858	6py2	4jrx 0.777016658
## 13859	6q3s	4jrx 1.034746222
## 13860	6r2l	4jrx 0.764902431
## 13861	6rp9	4jrx 0.941492146
## 13862	6rpa	4jrx 0.632594583
## 13863	6rpb	4jrx 0.986321799
## 13864	6rsy	4jrx 0.819433693
## 13865	6tmo	4jrx 0.794376863
## 13866	6tro	4jrx 1.391699079
## 13867	6u3n	4jrx 0.695043979
## 13868	6u3o	4jrx 1.849020490
## 13869	6uon	4jrx 1.039231095
## 13870	6vm7	4jrx 0.861762488
## 13871	6vm8	4jrx 0.817500723
## 13872	6vma	4jrx 0.989355116
## 13873	6vmc	4jrx 1.203423736
## 13874	6vmx	4jrx 1.040252464
## 13875	6vqo	4jrx 0.826156017
## 13876	6vrm	4jrx 1.490378988
## 13877	6vrn	4jrx 0.980737545
## 13878	7n1e	4jrx 0.531627157
## 13879	7n1f	4jrx 0.641394482
## 13880	7n6e	4jrx 0.674665698
## 13881	6xc9	4jrx 0.855675387
## 13882	6xco	4jrx 0.859073188
## 13883	6xcp	4jrx 2.937635768
## 13884	6zkw	4jrx 0.681619056
## 13885	6zky	4jrx 0.889260843
## 13886	6zky	4jrx 0.680845273
## 13887	6zkz	4jrx 0.813773950
## 13888	7dzm	4jrx 1.395158051
## 13889	7dzn	4jrx 0.908822497
## 13890	7rm4	4jrx 1.194738028
## 13891	7rtr	4jrx 0.465517428
## 13892	7l1d	4jrx 1.098772791
## 13893	7sg0	4jrx 1.316332765
## 13894	7sg1	4jrx 0.988682992
## 13895	7sg2	4jrx 0.975850863
## 13896	7rrg	4jrx 0.842072951
## 13897	7n2s	4jrx 0.899393454
## 13898	7n2n	4jrx 0.909766996
## 13899	7n2o	4jrx 0.464219952
## 13900	7n2r	4jrx 0.715316437
## 13901	7n2p	4jrx 0.811289232
## 13902	7n2q	4jrx 0.921765456
## 13903	8cx4	4jrx 0.181924940
## 13904	8VCX	4jrx 2.618235126
## 13905	8VCY	4jrx 0.822471391

## 13906	8VD0	4jrx 0.729084383
## 13907	8VD2	4jrx 1.004879125
## 13908	6XCP	4jrx 2.938213945
## 13909	6XC0	4jrx 0.859889892
## 13910	6XC9	4jrx 0.855348971
## 13911	1ao7	4jry 1.587800768
## 13912	1bd2	4jry 1.005290921
## 13913	1fyf	4jry 1.288404611
## 13914	1j8h	4jry 1.690055720
## 13915	1mi5	4jry 1.276694455
## 13916	1oga	4jry 0.779354103
## 13917	1qrn	4jry 1.705614972
## 13918	1qse	4jry 1.627270302
## 13919	1qsf	4jry 1.695917303
## 13920	1zgl	4jry 0.922327666
## 13921	2ak4	4jry 0.857842258
## 13922	2bnq	4jry 1.065237789
## 13923	2bnr	4jry 0.841471976
## 13924	2esv	4jry 1.451042351
## 13925	2f53	4jry 0.909492967
## 13926	2f54	4jry 1.513253107
## 13927	2gj6	4jry 1.636947211
## 13928	2iam	4jry 3.683119503
## 13929	2ian	4jry 0.877360689
## 13930	2nx5	4jry 0.805000983
## 13931	2p5e	4jry 0.906973235
## 13932	2p5w	4jry 0.909406188
## 13933	2pye	4jry 0.751531121
## 13934	2vlj	4jry 0.932456555
## 13935	2vlk	4jry 2.321992020
## 13936	2vlr	4jry 1.053044342
## 13937	2xn9	4jry 0.983146780
## 13938	2yp1	4jry 0.775429774
## 13939	3d39	4jry 0.975063601
## 13940	3d3v	4jry 0.774575076
## 13941	3dxa	4jry 1.055018216
## 13942	3ffc	4jry 1.277404474
## 13943	3gsn	4jry 0.856269794
## 13944	3h9s	4jry 0.973543175
## 13945	3hg1	4jry 1.031274743
## 13946	3kpr	4jry 0.806396914
## 13947	3kps	4jry 0.599015658
## 13948	3kxf	4jry 0.834481523
## 13949	3mv7	4jry 0.815759822
## 13950	3mv8	4jry 1.308573163
## 13951	3mv9	4jry 1.179416015
## 13952	3o41	4jry 1.456693850
## 13953	3pwp	4jry 0.975396946
## 13954	3qdq	4jry 1.573034587
## 13955	3qdj	4jry 1.573792338
## 13956	3qdm	4jry 2.048338307
## 13957	3qeq	4jry 1.035495284
## 13958	3qfj	4jry 0.999670486
## 13959	3sjv	4jry 0.962140089

## 13960	3uts	4jry 1.395765037
## 13961	3utt	4jry 0.873823809
## 13962	3vxm	4jry 0.898021430
## 13963	3vxr	4jry 0.792444789
## 13964	3vxs	4jry 0.679589849
## 13965	4c56	4jry 0.684203000
## 13966	4e41	4jry 4.340369822
## 13967	4eup	4jry 0.808407089
## 13968	4ftv	4jry 0.936664816
## 13969	4g8g	4jry 0.983653752
## 13970	4g9f	4jry 1.069635127
## 13971	4gg6	4jry 1.209183854
## 13972	4jfd	4jry 1.040203863
## 13973	4jfe	4jry 1.038338168
## 13974	4jff	4jry 1.040052339
## 13975	4jrx	4jry 0.814446900
## 13976	4jry	4jry 0.000000000
## 13977	4l3e	4jry 0.825283121
## 13978	4mji	4jry 1.842282497
## 13979	4mnq	4jry 1.165342758
## 13980	4ozf	4jry 1.188839404
## 13981	4ozg	4jry 3.467836223
## 13982	4ozh	4jry 2.220241743
## 13983	4ozi	4jry 3.499229963
## 13984	4prh	4jry 0.922156675
## 13985	4pri	4jry 1.265982308
## 13986	4prp	4jry 0.921943964
## 13987	4qok	4jry 1.506732304
## 13988	4qrp	4jry 0.735808853
## 13989	4y19	4jry 0.736938072
## 13990	4y1a	4jry 1.058265677
## 13991	4z7u	4jry 1.850398733
## 13992	4z7v	4jry 1.470641861
## 13993	4z7w	4jry 0.826087660
## 13994	5d2l	4jry 1.155595026
## 13995	5d2n	4jry 0.653399667
## 13996	1lp9	4jry 0.989856080
## 13997	1ymm	4jry 1.238200867
## 13998	2j8u	4jry 0.989655490
## 13999	2jcc	4jry 0.991339029
## 14000	2uwe	4jry 0.989270615
## 14001	2wbj	4jry 1.101404881
## 14002	3gjf	4jry 0.839769337
## 14003	3hae	4jry 1.105872825
## 14004	3nfj	4jry 0.864575546
## 14005	3o6f	4jry 0.782685557
## 14006	3p16	4jry 1.426497456
## 14007	3t0e	4jry 1.078947462
## 14008	4euq	4jry 1.173829191
## 14009	4grl	4jry 1.119810076
## 14010	4h1l	4jry 1.454955562
## 14011	4may	4jry 1.105793082
## 14012	4p4k	4jry 0.962616598
## 14013	4qrr	4jry 1.085187992

## 14014	4wu	4jry 0.771291362
## 14015	4zez	4jry 1.281698610
## 14016	5brz	4jry 2.541521066
## 14017	5bs0	4jry 3.255160492
## 14018	5c07	4jry 1.240223126
## 14019	5c08	4jry 0.801640038
## 14020	5c09	4jry 0.885721742
## 14021	5c0a	4jry 1.481278549
## 14022	5c0b	4jry 1.273465387
## 14023	5c0c	4jry 1.293006583
## 14024	5e6i	4jry 1.260786129
## 14025	5e9d	4jry 0.714673446
## 14026	5eu6	4jry 1.343347550
## 14027	5euo	4jry 7.349286492
## 14028	5hhm	4jry 1.580428070
## 14029	5hho	4jry 1.084331848
## 14030	5hyj	4jry 1.140678248
## 14031	5isz	4jry 1.126156211
## 14032	5jhd	4jry 1.436972619
## 14033	5jzi	4jry 1.280996366
## 14034	5ks9	4jry 1.397080523
## 14035	5ksa	4jry 0.696770729
## 14036	5ksb	4jry 0.687602714
## 14037	5men	4jry 1.164651798
## 14038	5nht	4jry 0.864490883
## 14039	5nme	4jry 1.483311898
## 14040	5nmf	4jry 1.195924050
## 14041	5nmg	4jry 0.996734395
## 14042	5nqk	4jry 0.861858374
## 14043	5tez	4jry 3.556827106
## 14044	5w1v	4jry 3.226987146
## 14045	5w1w	4jry 3.462599555
## 14046	5wkf	4jry 0.680979697
## 14047	5wkh	4jry 0.950618938
## 14048	5xot	4jry 0.762319259
## 14049	5xov	4jry 0.864575546
## 14050	5yxn	4jry 1.012141012
## 14051	5yxu	4jry 0.761736261
## 14052	6am5	4jry 0.822772821
## 14053	6amu	4jry 1.001424976
## 14054	6avf	4jry 1.396465665
## 14055	6avg	4jry 0.820020624
## 14056	6bj2	4jry 1.652200486
## 14057	6bj3	4jry 1.137865538
## 14058	6bj8	4jry 1.146983806
## 14059	6cql	4jry 1.255469498
## 14060	6cqn	4jry 3.323701462
## 14061	6cqq	4jry 1.650490209
## 14062	6cqr	4jry 0.938016904
## 14063	6d78	4jry 0.839556643
## 14064	6dfx	4jry 3.298915154
## 14065	6dkp	4jry 0.834959496
## 14066	6dx	4jry 2.256947144
## 14067	6eqa	4jry 1.035202844

## 14068	6eqb	4jry 1.037038019
## 14069	6mtm	4jry 0.955802139
## 14070	6p64	4jry 3.049703066
## 14071	6px6	4jry 0.919507700
## 14072	6py2	4jry 1.344260099
## 14073	6q3s	4jry 1.100481568
## 14074	6r2l	4jry 1.205384089
## 14075	6rp9	4jry 0.995167635
## 14076	6rpa	4jry 0.545397727
## 14077	6rpb	4jry 1.116574508
## 14078	6rsy	4jry 0.877951784
## 14079	6tmo	4jry 1.232084462
## 14080	6tro	4jry 1.725976047
## 14081	6u3n	4jry 1.137131872
## 14082	6u3o	4jry 1.829874509
## 14083	6uon	4jry 1.138687194
## 14084	6vm7	4jry 0.931083387
## 14085	6vm8	4jry 0.849644283
## 14086	6vma	4jry 1.224079994
## 14087	6vmc	4jry 1.368566128
## 14088	6vmx	4jry 0.967859458
## 14089	6vqo	4jry 1.008933705
## 14090	6vrm	4jry 1.969968021
## 14091	6vrn	4jry 0.992095199
## 14092	7n1e	4jry 1.227320394
## 14093	7n1f	4jry 0.960479948
## 14094	7n6e	4jry 0.865119359
## 14095	6xc9	4jry 0.918382815
## 14096	6xco	4jry 1.121592557
## 14097	6xcp	4jry 3.466767559
## 14098	6zkw	4jry 0.721851228
## 14099	6zkk	4jry 0.964041177
## 14100	6zky	4jry 0.721604587
## 14101	6zkz	4jry 0.606964943
## 14102	7dzm	4jry 1.815571053
## 14103	7dzn	4jry 1.149002480
## 14104	7rm4	4jry 1.207655012
## 14105	7rtr	4jry 0.885845923
## 14106	7l1d	4jry 0.943858241
## 14107	7sg0	4jry 1.225829748
## 14108	7sg1	4jry 1.019174962
## 14109	7sg2	4jry 0.998680899
## 14110	7rrg	4jry 1.138611480
## 14111	7n2s	4jry 1.151396911
## 14112	7n2n	4jry 1.139512708
## 14113	7n2o	4jry 0.689638617
## 14114	7n2r	4jry 0.973283632
## 14115	7n2p	4jry 0.710282384
## 14116	7n2q	4jry 0.946153034
## 14117	8cx4	4jry 0.779621957
## 14118	8VCX	4jry 3.059242785
## 14119	8VCY	4jry 1.124714004
## 14120	8VD0	4jry 0.974003326
## 14121	8VD2	4jry 1.243563648

## 14122	6XCP	4jry 3.466776476
## 14123	6XC0	4jry 1.121015035
## 14124	6XC9	4jry 0.915297431
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## 14126	1bd2	413e 1.145333484
## 14127	1fyt	413e 1.269668363
## 14128	1j8h	413e 1.444166066
## 14129	1mi5	413e 1.115258725
## 14130	1oga	413e 0.974251066
## 14131	1qrn	413e 1.538725872
## 14132	1qse	413e 1.429316577
## 14133	1qsf	413e 1.530473365
## 14134	1zgl	413e 1.006376919
## 14135	2ak4	413e 0.835240540
## 14136	2bnq	413e 0.832692468
## 14137	2bnr	413e 0.553035333
## 14138	2esv	413e 1.445946565
## 14139	2f53	413e 0.964880405
## 14140	2f54	413e 1.474183595
## 14141	2gj6	413e 1.335788091
## 14142	2iam	413e 3.512096077
## 14143	2ian	413e 0.828293492
## 14144	2nx5	413e 0.819496369
## 14145	2p5e	413e 0.957496700
## 14146	2p5w	413e 0.961011092
## 14147	2pye	413e 0.836016769
## 14148	2vlj	413e 1.275264393
## 14149	2vlk	413e 2.233967483
## 14150	2vlr	413e 1.065238629
## 14151	2xn9	413e 0.761315168
## 14152	2ypl	413e 0.705685572
## 14153	3d39	413e 0.942409420
## 14154	3d3v	413e 0.996615646
## 14155	3dxa	413e 1.105852450
## 14156	3ffc	413e 1.113390291
## 14157	3gsn	413e 0.942398909
## 14158	3h9s	413e 0.942091747
## 14159	3hg1	413e 1.119533892
## 14160	3kpr	413e 0.695255468
## 14161	3kps	413e 0.822936241
## 14162	3kxf	413e 0.845659099
## 14163	3mv7	413e 0.843999069
## 14164	3mv8	413e 1.072262951
## 14165	3mv9	413e 1.178800943
## 14166	3o4l	413e 1.279371202
## 14167	3pwp	413e 0.942261588
## 14168	3qdg	413e 1.424424890
## 14169	3qdj	413e 1.425043737
## 14170	3qdm	413e 2.045324767
## 14171	3qeq	413e 1.047893960
## 14172	3qfj	413e 1.083231522
## 14173	3sjv	413e 1.035938442
## 14174	3uts	413e 1.268341351
## 14175	3utt	413e 0.694687964

## 14176	3vxm	413e 0.907227871
## 14177	3vxr	413e 0.845878692
## 14178	3vxs	413e 0.773436527
## 14179	4c56	413e 0.577864163
## 14180	4e41	413e 4.349606862
## 14181	4eup	413e 0.740227392
## 14182	4ftv	413e 0.717096814
## 14183	4g8g	413e 1.062258460
## 14184	4g9f	413e 0.582063668
## 14185	4gg6	413e 1.191307267
## 14186	4jfd	413e 1.128063061
## 14187	4jfe	413e 1.124545250
## 14188	4jff	413e 1.123377432
## 14189	4jrx	413e 1.015815905
## 14190	4jry	413e 0.825283121
## 14191	4l3e	413e 0.000000000
## 14192	4mji	413e 1.801104655
## 14193	4mnq	413e 1.086602611
## 14194	4ozf	413e 1.201826790
## 14195	4ozg	413e 3.524579123
## 14196	4ozh	413e 2.289776247
## 14197	4ozi	413e 3.476939384
## 14198	4prh	413e 0.835464228
## 14199	4pri	413e 1.180710056
## 14200	4prp	413e 0.824971724
## 14201	4qok	413e 1.245232070
## 14202	4qrp	413e 0.747846813
## 14203	4y19	413e 1.010655322
## 14204	4y1a	413e 0.719541093
## 14205	4z7u	413e 1.766822285
## 14206	4z7v	413e 1.390156270
## 14207	4z7w	413e 0.857587147
## 14208	5d2l	413e 1.090210196
## 14209	5d2n	413e 0.620505207
## 14210	1lp9	413e 0.912320759
## 14211	1ymm	413e 0.867212983
## 14212	2j8u	413e 0.913133733
## 14213	2jcc	413e 0.914419559
## 14214	2uwe	413e 0.912441375
## 14215	2wbj	413e 1.083869594
## 14216	3gjf	413e 0.878210304
## 14217	3hae	413e 1.134240954
## 14218	3nfj	413e 0.897280584
## 14219	3o6f	413e 0.794622755
## 14220	3p16	413e 1.155606488
## 14221	3t0e	413e 1.037016096
## 14222	4euq	413e 0.908245698
## 14223	4grl	413e 0.870856055
## 14224	4h1l	413e 1.333513389
## 14225	4may	413e 1.061008390
## 14226	4p4k	413e 0.844352074
## 14227	4qrr	413e 1.053704116
## 14228	4wuu	413e 0.696218885
## 14229	4zez	413e 1.237133338

## 14230	5brz	413e 2.696705270
## 14231	5bs0	413e 3.469452379
## 14232	5c07	413e 1.164553631
## 14233	5c08	413e 0.836540819
## 14234	5c09	413e 0.706284318
## 14235	5c0a	413e 1.508350117
## 14236	5c0b	413e 1.165106927
## 14237	5c0c	413e 1.336212678
## 14238	5e6i	413e 1.269902555
## 14239	5e9d	413e 0.854518444
## 14240	5eu6	413e 0.988210737
## 14241	5euo	413e 7.445190445
## 14242	5hhm	413e 1.445100899
## 14243	5hho	413e 0.734495049
## 14244	5hyj	413e 1.088961192
## 14245	5isz	413e 1.182102528
## 14246	5jhd	413e 1.359980365
## 14247	5jzi	413e 1.236164482
## 14248	5ks9	413e 1.279040159
## 14249	5ksa	413e 0.696157454
## 14250	5ksb	413e 0.770639635
## 14251	5men	413e 1.084021421
## 14252	5nht	413e 0.567737930
## 14253	5nme	413e 1.335395777
## 14254	5nmf	413e 1.204996875
## 14255	5nmg	413e 0.789772233
## 14256	5nqk	413e 0.563461633
## 14257	5tez	413e 3.727366395
## 14258	5w1v	413e 3.253753534
## 14259	5w1w	413e 3.427711793
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## 14262	5xot	413e 0.913318084
## 14263	5xov	413e 0.897280584
## 14264	5yxn	413e 0.710618261
## 14265	5yxu	413e 0.898448776
## 14266	6am5	413e 0.077189219
## 14267	6amu	413e 0.429753092
## 14268	6avf	413e 1.606661864
## 14269	6avg	413e 0.749493721
## 14270	6bj2	413e 1.715827377
## 14271	6bj3	413e 1.174223119
## 14272	6bj8	413e 1.177350839
## 14273	6cql	413e 0.997968833
## 14274	6cqn	413e 3.138812204
## 14275	6cqq	413e 1.734891720
## 14276	6cqr	413e 0.978222386
## 14277	6d78	413e 0.092692675
## 14278	6dfx	413e 3.306301623
## 14279	6dkp	413e 0.075826811
## 14280	6dxf	413e 2.277423242
## 14281	6eqa	413e 1.125212717
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## 14283	6mtm	413e 0.545189929

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## 14288	6r2l	413e 1.214072325
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## 14295	6u3n	413e 0.976594355
## 14296	6u3o	413e 1.915904943
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## 14300	6vma	413e 0.971765639
## 14301	6vmc	413e 1.493142336
## 14302	6vmx	413e 0.890122158
## 14303	6vqo	413e 0.836795039
## 14304	6vrm	413e 2.127855881
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## 14308	7n6e	413e 0.876824801
## 14309	6xc9	413e 1.022946537
## 14310	6xco	413e 1.135778595
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## 14312	6zkw	413e 0.752596889
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## 14315	6zkz	413e 0.601190401
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## 14317	7dzn	413e 1.070790352
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## 14319	7rtr	413e 1.138542080
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## 14321	7sg0	413e 1.338678498
## 14322	7sg1	413e 1.112114842
## 14323	7sg2	413e 1.093081778
## 14324	7rrg	413e 0.945010502
## 14325	7n2s	413e 0.841270358
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## 14333	8VCY	413e 0.881724989
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## 14714	6py2	4mnq 0.845138286
## 14715	6q3s	4mnq 0.840264491

## 14716	6r2l	4mnq 1.070502950
## 14717	6rp9	4mnq 1.042775998
## 14718	6rpa	4mnq 0.904332448
## 14719	6rpb	4mnq 1.147751178
## 14720	6rsy	4mnq 0.829131050
## 14721	6tmo	4mnq 1.188695397
## 14722	6tro	4mnq 0.921124521
## 14723	6u3n	4mnq 0.815476110
## 14724	6u3o	4mnq 2.192361709
## 14725	6uon	4mnq 1.108833373
## 14726	6vm7	4mnq 0.897254408
## 14727	6vm8	4mnq 0.968595484
## 14728	6vma	4mnq 0.623066618
## 14729	6vmc	4mnq 1.159724532
## 14730	6vmx	4mnq 1.163575373
## 14731	6vqo	4mnq 0.556932038
## 14732	6vrm	4mnq 2.109612056
## 14733	6vrn	4mnq 0.945155523
## 14734	7n1e	4mnq 1.045301480
## 14735	7n1f	4mnq 0.743434611
## 14736	7n6e	4mnq 0.895394952
## 14737	6xc9	4mnq 1.260301868
## 14738	6xco	4mnq 1.005190589
## 14739	6xcp	4mnq 3.312111117
## 14740	6zkw	4mnq 0.968476525
## 14741	6zkk	4mnq 0.854407474
## 14742	6zky	4mnq 0.969108196
## 14743	6zkz	4mnq 0.875892378
## 14744	7dzm	4mnq 1.455056733
## 14745	7dzn	4mnq 0.893403395
## 14746	7rm4	4mnq 1.241432875
## 14747	7rtr	4mnq 0.924338489
## 14748	7l1d	4mnq 0.879469053
## 14749	7sg0	4mnq 1.221714344
## 14750	7sg1	4mnq 1.273399218
## 14751	7sg2	4mnq 1.260961584
## 14752	7rrg	4mnq 0.852698143
## 14753	7n2s	4mnq 0.942031536
## 14754	7n2n	4mnq 0.948241915
## 14755	7n2o	4mnq 1.080664006
## 14756	7n2r	4mnq 1.105768704
## 14757	7n2p	4mnq 1.339914327
## 14758	7n2q	4mnq 1.152022246
## 14759	8cx4	4mnq 0.912847241
## 14760	8VCX	4mnq 2.689005121
## 14761	8VCY	4mnq 1.126336933
## 14762	8VD0	4mnq 0.638703533
## 14763	8VD2	4mnq 0.518052941
## 14764	6XCP	4mnq 3.312355449
## 14765	6XC0	4mnq 1.004231824
## 14766	6XC9	4mnq 1.260192036
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## 14768	1bd2	4ozf 1.126476906
## 14769	1fyt	4ozf 1.593463010

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## 14772	1oga	4ozf 1.468207826
## 14773	1qrn	4ozf 1.894779928
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## 14775	1qsf	4ozf 1.886827986
## 14776	1zgl	4ozf 1.183408666
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## 14778	2bnq	4ozf 1.175238603
## 14779	2bnr	4ozf 0.974465684
## 14780	2esv	4ozf 1.870309113
## 14781	2f53	4ozf 1.267111353
## 14782	2f54	4ozf 1.183536548
## 14783	2gj6	4ozf 1.746203103
## 14784	2iam	4ozf 3.081519516
## 14785	2ian	4ozf 1.150133425
## 14786	2nx5	4ozf 0.899489164
## 14787	2p5e	4ozf 1.258394752
## 14788	2p5w	4ozf 1.260189299
## 14789	2pye	4ozf 1.149850853
## 14790	2vlj	4ozf 0.942287476
## 14791	2vlk	4ozf 2.520381801
## 14792	2vlr	4ozf 0.867021750
## 14793	2xn9	4ozf 1.289256946
## 14794	2yp1	4ozf 0.982434597
## 14795	3d39	4ozf 1.186789369
## 14796	3d3v	4ozf 1.487009440
## 14797	3dxa	4ozf 0.982117841
## 14798	3ffc	4ozf 1.592750692
## 14799	3gsn	4ozf 0.890368784
## 14800	3h9s	4ozf 1.186296687
## 14801	3hg1	4ozf 1.168193634
## 14802	3kpr	4ozf 0.767645812
## 14803	3kps	4ozf 1.255270954
## 14804	3kxf	4ozf 1.066990499
## 14805	3mv7	4ozf 1.630476369
## 14806	3mv8	4ozf 1.075339973
## 14807	3mv9	4ozf 1.847864499
## 14808	3o41	4ozf 1.205321130
## 14809	3pwp	4ozf 1.187050875
## 14810	3qdg	4ozf 1.359904898
## 14811	3qdj	4ozf 1.360859486
## 14812	3qdm	4ozf 1.457486800
## 14813	3qeq	4ozf 0.765575871
## 14814	3qfj	4ozf 0.935844095
## 14815	3sjv	4ozf 0.969818496
## 14816	3uts	4ozf 1.181202850
## 14817	3utt	4ozf 1.206639163
## 14818	3vxm	4ozf 1.103632432
## 14819	3vxr	4ozf 1.317674734
## 14820	3vxs	4ozf 1.178114630
## 14821	4c56	4ozf 0.806054940
## 14822	4e41	4ozf 4.432092131
## 14823	4eup	4ozf 0.952647462

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## 14825	4g8g	4ozf 1.703130942
## 14826	4g9f	4ozf 1.259516440
## 14827	4gg6	4ozf 1.327448302
## 14828	4jfd	4ozf 1.167592143
## 14829	4jfe	4ozf 1.165747827
## 14830	4jff	4ozf 1.167678894
## 14831	4jrx	4ozf 1.129818239
## 14832	4jry	4ozf 1.188839404
## 14833	4l3e	4ozf 1.201826790
## 14834	4mji	4ozf 2.297298011
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## 14838	4ozh	4ozf 2.080079824
## 14839	4ozi	4ozf 3.485605090
## 14840	4prh	4ozf 1.394997261
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## 14842	4prp	4ozf 1.345447276
## 14843	4qok	4ozf 1.579088034
## 14844	4qrp	4ozf 1.237744911
## 14845	4y19	4ozf 1.673954496
## 14846	4y1a	4ozf 1.581532934
## 14847	4z7u	4ozf 1.820810318
## 14848	4z7v	4ozf 1.155246708
## 14849	4z7w	4ozf 1.058389126
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## 14851	5d2n	4ozf 0.856777592
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## 14855	2jcc	4ozf 1.029460195
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## 14862	3p16	4ozf 1.570416075
## 14863	3t0e	4ozf 1.157400662
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## 14865	4grl	4ozf 0.879946693
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## 14868	4p4k	4ozf 0.824809106
## 14869	4qrr	4ozf 1.306434806
## 14870	4wuu	4ozf 1.028850493
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## 14873	5bs0	4ozf 2.855779802
## 14874	5c07	4ozf 0.918458847
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## 14876	5c09	4ozf 1.214251514
## 14877	5c0a	4ozf 1.499021732

## 14878	5c0b	4ozf 1.506808501
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## 14880	5e6i	4ozf 1.361265264
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## 14883	5euo	4ozf 7.309298269
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## 14891	5ksa	4ozf 1.027869295
## 14892	5ksb	4ozf 0.897319398
## 14893	5men	4ozf 1.704059426
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## 14895	5nme	4ozf 1.465141655
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## 14897	5nmg	4ozf 0.955480070
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## 14899	5tez	4ozf 3.160010627
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## 14901	5w1w	4ozf 3.337178895
## 14902	5wkf	4ozf 1.120065602
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## 14905	5xov	4ozf 0.937350977
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## 14907	5yxu	4ozf 1.052824260
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## 14913	6bj3	4ozf 1.340645003
## 14914	6bj8	4ozf 1.347376318
## 14915	6cql	4ozf 1.362403956
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## 14917	6cqq	4ozf 1.482563559
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## 14919	6d78	4ozf 1.219926759
## 14920	6dfx	4ozf 3.328940049
## 14921	6dkp	4ozf 1.194010935
## 14922	6dxf	4ozf 2.104683861
## 14923	6eqa	4ozf 1.172264113
## 14924	6eqb	4ozf 1.163464527
## 14925	6mtm	4ozf 1.137146541
## 14926	6p64	4ozf 2.942063653
## 14927	6px6	4ozf 1.353574111
## 14928	6py2	4ozf 1.395071129
## 14929	6q3s	4ozf 1.418730473
## 14930	6r2l	4ozf 1.098954580
## 14931	6rp9	4ozf 1.144006596

## 14932	6rpa	4ozf 1.162666654
## 14933	6rpb	4ozf 0.989642186
## 14934	6rsy	4ozf 1.120016363
## 14935	6tmo	4ozf 1.006568324
## 14936	6tro	4ozf 2.090971803
## 14937	6u3n	4ozf 1.274206706
## 14938	6u3o	4ozf 1.691844353
## 14939	6uon	4ozf 1.076113513
## 14940	6vm7	4ozf 1.233152757
## 14941	6vm8	4ozf 1.119190145
## 14942	6vma	4ozf 1.638406283
## 14943	6vmc	4ozf 1.682716987
## 14944	6vmx	4ozf 1.211648926
## 14945	6vqo	4ozf 1.302300422
## 14946	6vrm	4ozf 1.530829745
## 14947	6vrn	4ozf 1.212544770
## 14948	7n1e	4ozf 1.116505235
## 14949	7n1f	4ozf 1.245071874
## 14950	7n6e	4ozf 0.934043170
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## 14952	6xco	4ozf 1.397585242
## 14953	6xcp	4ozf 2.680774206
## 14954	6zkw	4ozf 1.301029824
## 14955	6zkk	4ozf 1.409780323
## 14956	6zky	4ozf 1.299734794
## 14957	6zkk	4ozf 1.304500239
## 14958	7dzm	4ozf 1.615336371
## 14959	7dzn	4ozf 1.376240501
## 14960	7rm4	4ozf 1.246190077
## 14961	7rtr	4ozf 1.136329289
## 14962	7l1d	4ozf 1.511255670
## 14963	7sg0	4ozf 1.854974298
## 14964	7sg1	4ozf 1.019735979
## 14965	7sg2	4ozf 1.013982108
## 14966	7rrg	4ozf 1.313101391
## 14967	7n2s	4ozf 1.234708020
## 14968	7n2n	4ozf 1.231955291
## 14969	7n2o	4ozf 0.997674261
## 14970	7n2r	4ozf 1.243361436
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## 14972	7n2q	4ozf 0.948757643
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## 14974	8VCX	4ozf 2.826019858
## 14975	8VCY	4ozf 0.892977157
## 14976	8VD0	4ozf 1.137313673
## 14977	8VD2	4ozf 1.750146297
## 14978	6XCP	4ozf 2.682685357
## 14979	6XC0	4ozf 1.397902302
## 14980	6XC9	4ozf 0.772818690
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## 14985	1mi5	4ozg 3.334298241

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## 14988	1qse	4ozg 2.889131856
## 14989	1qsf	4ozg 3.075358882
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## 14992	2bnq	4ozg 3.142367023
## 14993	2bnr	4ozg 3.298780433
## 14994	2esv	4ozg 3.206855696
## 14995	2f53	4ozg 3.232613778
## 14996	2f54	4ozg 2.102051474
## 14997	2gj6	4ozg 3.062042943
## 14998	2iam	4ozg 3.834072724
## 14999	2ian	4ozg 1.887718218
## 15000	2nx5	4ozg 1.616800372
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## 15002	2p5w	4ozg 3.237262150
## 15003	2pye	4ozg 3.400849396
## 15004	2vlj	4ozg 3.177914482
## 15005	2vlk	4ozg 3.049786447
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## 15007	2xn9	4ozg 3.083547629
## 15008	2yp1	4ozg 3.300544601
## 15009	3d39	4ozg 3.278761699
## 15010	3d3v	4ozg 3.311484287
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## 15012	3ffc	4ozg 2.824312625
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## 15015	3hg1	4ozg 3.125277957
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## 15017	3kps	4ozg 3.406026914
## 15018	3kxf	4ozg 1.704126651
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## 15022	3o41	4ozg 3.227614349
## 15023	3pwp	4ozg 3.278826022
## 15024	3qdg	4ozg 2.860172853
## 15025	3qdj	4ozg 2.861327214
## 15026	3qdm	4ozg 2.916978766
## 15027	3qeq	4ozg 3.171078747
## 15028	3qfj	4ozg 3.116183597
## 15029	3sjv	4ozg 1.487967233
## 15030	3uts	4ozg 2.061529985
## 15031	3utt	4ozg 2.505827278
## 15032	3vxm	4ozg 3.267844294
## 15033	3vxr	4ozg 3.641876353
## 15034	3vxs	4ozg 3.397268148
## 15035	4c56	4ozg 2.171511525
## 15036	4e41	4ozg 2.667831793
## 15037	4eup	4ozg 2.299159967
## 15038	4ftv	4ozg 3.510791180
## 15039	4g8g	4ozg 3.749623349

## 15040	4g9f	4ozg 3.317346528
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## 15044	4jff	4ozg 3.113867389
## 15045	4jrx	4ozg 3.251013794
## 15046	4jry	4ozg 3.467836223
## 15047	4l3e	4ozg 3.524579123
## 15048	4mji	4ozg 2.976173545
## 15049	4mnq	4ozg 3.365444293
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## 15051	4ozg	4ozg 0.000000000
## 15052	4ozh	4ozg 1.899378377
## 15053	4ozi	4ozg 0.981770913
## 15054	4prh	4ozg 3.603084637
## 15055	4pri	4ozg 3.462387445
## 15056	4prp	4ozg 3.495393363
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## 15058	4qrp	4ozg 2.211044165
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## 15060	4y1a	4ozg 3.551297888
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## 15062	4z7v	4ozg 2.509922119
## 15063	4z7w	4ozg 2.224283114
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## 15067	1ymm	4ozg 4.012358432
## 15068	2j8u	4ozg 2.309590862
## 15069	2jcc	4ozg 2.308943296
## 15070	2uwe	4ozg 2.309765103
## 15071	2wbj	4ozg 2.355350748
## 15072	3gjf	4ozg 2.358232767
## 15073	3hae	4ozg 1.632145599
## 15074	3nfj	4ozg 2.209840102
## 15075	3o6f	4ozg 2.285644569
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## 15092	5c0b	4ozg 2.608954419
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## 15097	5euo	4ozg 3.472716083
## 15098	5hhm	4ozg 2.318414230
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## 15103	5jzi	4ozg 2.744001838
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## 15105	5ksa	4ozg 3.507025250
## 15106	5ksb	4ozg 2.573089530
## 15107	5men	4ozg 3.365055215
## 15108	5nht	4ozg 3.402740821
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## 15110	5nmf	4ozg 2.069417768
## 15111	5nmg	4ozg 2.395482980
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## 15115	5w1w	4ozg 2.471446199
## 15116	5wkf	4ozg 2.592936480
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## 15127	6bj3	4ozg 3.628496198
## 15128	6bj8	4ozg 3.636988410
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## 15131	6cqq	4ozg 2.299212582
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## 15138	6eqb	4ozg 3.119046171
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## 15190	8VD0	4ozg 2.357651528
## 15191	8VD2	4ozg 3.346227026
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## 15193	6XC0	4ozg 3.655362650
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## 15490	4z7v	4ozi 2.601635436
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## 15572	6r2l	4ozi 3.288411492
## 15573	6rp9	4ozi 2.237938250
## 15574	6rpa	4ozi 3.479940901
## 15575	6rpb	4ozi 1.610708609
## 15576	6rsy	4ozi 2.245996594
## 15577	6tmo	4ozi 3.268918338
## 15578	6tro	4ozi 2.961972045
## 15579	6u3n	4ozi 3.314580866

## 15580	6u3o	4ozi 2.628964765
## 15581	6uon	4ozi 2.181596731
## 15582	6vm7	4ozi 3.438054519
## 15583	6vm8	4ozi 3.452204094
## 15584	6vma	4ozi 3.143832718
## 15585	6vmc	4ozi 3.200576886
## 15586	6vmx	4ozi 2.647517582
## 15587	6vqo	4ozi 2.217951241
## 15588	6vrm	4ozi 3.103470559
## 15589	6vrn	4ozi 3.438805959
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## 15591	7n1f	4ozi 3.247290828
## 15592	7n6e	4ozi 2.353576843
## 15593	6xc9	4ozi 2.508136945
## 15594	6xco	4ozi 3.595009670
## 15595	6xcp	4ozi 3.625560778
## 15596	6zkw	4ozi 3.453067429
## 15597	6zkk	4ozi 3.300038432
## 15598	6zky	4ozi 3.454599886
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## 15600	7dzm	4ozi 3.204981547
## 15601	7dzn	4ozi 3.113867399
## 15602	7rm4	4ozi 1.654384681
## 15603	7rtr	4ozi 3.199192234
## 15604	7l1d	4ozi 3.414190705
## 15605	7sg0	4ozi 3.148312435
## 15606	7sg1	4ozi 2.592980703
## 15607	7sg2	4ozi 2.580161675
## 15608	7rrg	4ozi 3.147791886
## 15609	7n2s	4ozi 3.197914830
## 15610	7n2n	4ozi 3.159420759
## 15611	7n2o	4ozi 3.287256770
## 15612	7n2r	4ozi 3.447281645
## 15613	7n2p	4ozi 3.501572769
## 15614	7n2q	4ozi 2.339783806
## 15615	8cx4	4ozi 3.276476503
## 15616	8VCX	4ozi 3.327195398
## 15617	8VCY	4ozi 3.295873705
## 15618	8VD0	4ozi 2.316978681
## 15619	8VD2	4ozi 3.202069950
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## 15622	6XC9	4ozi 2.508324388
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## 15631	1qsf	4prh 1.328051204
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## 15682	4g9f	4prh 0.869409435
## 15683	4gg6	4prh 0.970850298
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## 15685	4jfe	4prh 1.131045007
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## 15718	3p16	4prh 0.970173936
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## 15735	5c0c	4prh 1.569394489
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## 15821	7sg2	4prh 1.044870918
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## 16008	6u3o	4pri 2.089138139
## 16009	6uon	4pri 1.216197553
## 16010	6vm7	4pri 0.880492309
## 16011	6vm8	4pri 0.883074901

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## 16013	6vmc	4pri 1.390877110
## 16014	6vmx	4pri 1.135075963
## 16015	6vqo	4pri 0.920581937
## 16016	6vrm	4pri 1.903948498
## 16017	6vrn	4pri 0.975396643
## 16018	7n1e	4pri 0.718044907
## 16019	7n1f	4pri 0.885573299
## 16020	7n6e	4pri 0.911408051
## 16021	6xc9	4pri 1.096961049
## 16022	6xco	4pri 0.548393881
## 16023	6xcp	4pri 2.779269581
## 16024	6zkw	4pri 0.972590851
## 16025	6zkk	4pri 1.018459873
## 16026	6zky	4pri 0.970374870
## 16027	6zkk	4pri 1.165665774
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## 16029	7dzn	4pri 1.015794653
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## 16031	7rtr	4pri 1.046636099
## 16032	7l1d	4pri 1.213650503
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## 16034	7sg1	4pri 1.033153101
## 16035	7sg2	4pri 1.034158196
## 16036	7rrg	4pri 1.130632822
## 16037	7n2s	4pri 1.078026753
## 16038	7n2n	4pri 1.099850430
## 16039	7n2o	4pri 1.021777900
## 16040	7n2r	4pri 1.029661596
## 16041	7n2p	4pri 1.150148275
## 16042	7n2q	4pri 1.100327725
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## 16044	8VCX	4pri 2.366603305
## 16045	8VCY	4pri 0.925529408
## 16046	8VD0	4pri 0.662878267
## 16047	8VD2	4pri 1.175475813
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## 16436	6u3o	4qok 2.209643211
## 16437	6uon	4qok 0.999747756
## 16438	6vm7	4qok 1.049683409
## 16439	6vm8	4qok 1.108562726
## 16440	6vma	4qok 0.777625281
## 16441	6vmc	4qok 1.200340206
## 16442	6vmx	4qok 1.367379231
## 16443	6vqo	4qok 0.602423218

## 16444	6vrm	4qok 1.923811582
## 16445	6vrn	4qok 0.953671334
## 16446	7n1e	4qok 0.953630718
## 16447	7n1f	4qok 0.934551694
## 16448	7n6e	4qok 0.988541146
## 16449	6xc9	4qok 1.319028661
## 16450	6xco	4qok 1.243347248
## 16451	6xcp	4qok 3.010384900
## 16452	6zkw	4qok 1.182347267
## 16453	6zkk	4qok 0.765014411
## 16454	6zky	4qok 1.184005552
## 16455	6zkz	4qok 1.334054003
## 16456	7dzm	4qok 1.233515866
## 16457	7dzn	4qok 0.733872560
## 16458	7rm4	4qok 1.246121622
## 16459	7rtr	4qok 1.087735114
## 16460	7l1d	4qok 1.026574123
## 16461	7sg0	4qok 1.420040158
## 16462	7sg1	4qok 1.397672380
## 16463	7sg2	4qok 1.390083431
## 16464	7rrg	4qok 0.743224201
## 16465	7n2s	4qok 0.637980454
## 16466	7n2n	4qok 0.638027140
## 16467	7n2o	4qok 1.270306472
## 16468	7n2r	4qok 1.334301963
## 16469	7n2p	4qok 1.362391696
## 16470	7n2q	4qok 1.124173045
## 16471	8cx4	4qok 1.102136194
## 16472	8VCX	4qok 2.396037920
## 16473	8VCY	4qok 0.842485234
## 16474	8VD0	4qok 0.782880572
## 16475	8VD2	4qok 0.859383642
## 16476	6XCP	4qok 3.010106669
## 16477	6XC0	4qok 1.243356625
## 16478	6XC9	4qok 1.318113845
## 16479	1ao7	4qrp 0.995603997
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## 16481	1fyt	4qrp 0.899088556
## 16482	1j8h	4qrp 1.066550912
## 16483	1mi5	4qrp 0.929611272
## 16484	1oga	4qrp 0.677150425
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## 16486	1qse	4qrp 1.050893078
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## 16489	2ak4	4qrp 0.631370754
## 16490	2bnq	4qrp 0.826591961
## 16491	2bnr	4qrp 0.816742663
## 16492	2esv	4qrp 0.875175654
## 16493	2f53	4qrp 0.795113961
## 16494	2f54	4qrp 1.201383238
## 16495	2gj6	4qrp 0.977399361
## 16496	2iam	4qrp 2.572880636
## 16497	2ian	4qrp 0.537079335

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## 16500	2p5w	4qrp 0.798180354
## 16501	2pye	4qrp 0.830644170
## 16502	2vlj	4qrp 1.064306184
## 16503	2vlk	4qrp 1.350706413
## 16504	2vlr	4qrp 0.926533482
## 16505	2xn9	4qrp 0.714577740
## 16506	2yp1	4qrp 0.837856967
## 16507	3d39	4qrp 0.837414334
## 16508	3d3v	4qrp 0.660343786
## 16509	3dxa	4qrp 0.905835703
## 16510	3ffc	4qrp 0.745545185
## 16511	3gsn	4qrp 0.915890174
## 16512	3h9s	4qrp 0.837297335
## 16513	3hg1	4qrp 0.888370852
## 16514	3kpr	4qrp 0.722898920
## 16515	3kps	4qrp 0.713866578
## 16516	3kxf	4qrp 0.561984327
## 16517	3mv7	4qrp 0.565746458
## 16518	3mv8	4qrp 1.085801519
## 16519	3mv9	4qrp 0.643139368
## 16520	3o4l	4qrp 1.142358709
## 16521	3pwp	4qrp 0.837555279
## 16522	3qdg	4qrp 1.149512353
## 16523	3qdj	4qrp 1.149834701
## 16524	3qdm	4qrp 1.624878319
## 16525	3qeq	4qrp 1.036641248
## 16526	3qfj	4qrp 0.961699336
## 16527	3sjv	4qrp 0.733457027
## 16528	3uts	4qrp 0.968707719
## 16529	3utt	4qrp 0.541612346
## 16530	3vxm	4qrp 0.890253255
## 16531	3vxr	4qrp 0.838594707
## 16532	3vxs	4qrp 0.796094148
## 16533	4c56	4qrp 0.559600811
## 16534	4e41	4qrp 2.651651889
## 16535	4eup	4qrp 0.605321829
## 16536	4ftv	4qrp 0.792058349
## 16537	4g8g	4qrp 0.822697769
## 16538	4g9f	4qrp 0.775120990
## 16539	4gg6	4qrp 0.960990136
## 16540	4jfd	4qrp 0.892983536
## 16541	4jfe	4qrp 0.891468824
## 16542	4jff	4qrp 0.890659274
## 16543	4jrx	4qrp 0.860463041
## 16544	4jry	4qrp 0.735808853
## 16545	4l3e	4qrp 0.747846813
## 16546	4mji	4qrp 0.936115036
## 16547	4mnq	4qrp 0.737231025
## 16548	4ozf	4qrp 1.237744911
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## 16558	4y1a	4qrp 0.680157704
## 16559	4z7u	4qrp 1.206899610
## 16560	4z7v	4qrp 1.172625499
## 16561	4z7w	4qrp 0.664391601
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## 16567	2jcc	4qrp 0.748619545
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## 16569	2wbj	4qrp 0.913885345
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## 16572	3nfj	4qrp 0.741494660
## 16573	3o6f	4qrp 0.602929479
## 16574	3pl6	4qrp 1.024005816
## 16575	3t0e	4qrp 0.922587953
## 16576	4euq	4qrp 0.803471179
## 16577	4grl	4qrp 0.990733857
## 16578	4h1l	4qrp 1.191689999
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## 16580	4p4k	4qrp 0.780881571
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## 16582	4wuu	4qrp 0.839183677
## 16583	4zez	4qrp 1.069189160
## 16584	5brz	4qrp 1.765807269
## 16585	5bs0	4qrp 2.326957488
## 16586	5c07	4qrp 1.069201446
## 16587	5c08	4qrp 0.711698034
## 16588	5c09	4qrp 0.544473088
## 16589	5c0a	4qrp 1.161172825
## 16590	5c0b	4qrp 0.820807578
## 16591	5c0c	4qrp 1.124796457
## 16592	5e6i	4qrp 0.810036332
## 16593	5e9d	4qrp 0.667136089
## 16594	5eu6	4qrp 1.004942180
## 16595	5euo	4qrp 4.629526793
## 16596	5hhm	4qrp 1.035599469
## 16597	5hho	4qrp 0.999316033
## 16598	5hyj	4qrp 0.944862915
## 16599	5isz	4qrp 0.935838736
## 16600	5jhd	4qrp 1.016264841
## 16601	5jzi	4qrp 1.068801257
## 16602	5ks9	4qrp 0.785830713
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## 16604	5ksb	4qrp 0.728883883
## 16605	5men	4qrp 0.736133154

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## 16607	5nme	4qrp 0.970148952
## 16608	5nmf	4qrp 0.943194029
## 16609	5nmg	4qrp 0.775488592
## 16610	5nqk	4qrp 0.901426621
## 16611	5tez	4qrp 2.517298015
## 16612	5w1v	4qrp 2.155616201
## 16613	5w1w	4qrp 2.249740196
## 16614	5wkf	4qrp 0.622515656
## 16615	5wkh	4qrp 0.657090277
## 16616	5xot	4qrp 0.828565655
## 16617	5xov	4qrp 0.741494660
## 16618	5yxn	4qrp 0.782884924
## 16619	5yxu	4qrp 0.702450421
## 16620	6am5	4qrp 0.750363212
## 16621	6amu	4qrp 0.902425325
## 16622	6avf	4qrp 1.380329631
## 16623	6avg	4qrp 0.592956091
## 16624	6bj2	4qrp 1.300040348
## 16625	6bj3	4qrp 1.062965595
## 16626	6bj8	4qrp 1.065295265
## 16627	6cql	4qrp 0.997071787
## 16628	6cqn	4qrp 2.325396499
## 16629	6cqq	4qrp 1.293935318
## 16630	6cqr	4qrp 0.842150457
## 16631	6d78	4qrp 0.755276429
## 16632	6dfx	4qrp 2.024353848
## 16633	6dkp	4qrp 0.759003129
## 16634	6dxl	4qrp 1.532310807
## 16635	6eqa	4qrp 0.890645274
## 16636	6eqb	4qrp 0.893120099
## 16637	6mtm	4qrp 0.843595538
## 16638	6p64	4qrp 1.921551359
## 16639	6px6	4qrp 0.798759935
## 16640	6py2	4qrp 1.004965527
## 16641	6q3s	4qrp 0.787772267
## 16642	6r2l	4qrp 1.112007792
## 16643	6rp9	4qrp 0.848947863
## 16644	6rpa	4qrp 0.778543453
## 16645	6rpb	4qrp 0.875095338
## 16646	6rsy	4qrp 0.538844846
## 16647	6tmo	4qrp 1.101988586
## 16648	6tro	4qrp 0.911888508
## 16649	6u3n	4qrp 0.926330785
## 16650	6u3o	4qrp 1.381321302
## 16651	6uon	4qrp 0.884449887
## 16652	6vm7	4qrp 0.818503021
## 16653	6vm8	4qrp 0.835821972
## 16654	6vma	4qrp 0.702075935
## 16655	6vmc	4qrp 1.013462022
## 16656	6vmx	4qrp 0.761185730
## 16657	6vqo	4qrp 0.539423120
## 16658	6vrm	4qrp 1.567380074
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## 16663	6xc9	4qrp 0.889453132
## 16664	6xco	4qrp 1.018767279
## 16665	6xcp	4qrp 2.489002668
## 16666	6zkw	4qrp 0.714760872
## 16667	6zxx	4qrp 0.686117146
## 16668	6zky	4qrp 0.716024159
## 16669	6zkz	4qrp 0.692835477
## 16670	7dzm	4qrp 1.336349832
## 16671	7dzn	4qrp 0.860589516
## 16672	7rm4	4qrp 0.820286082
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## 16674	7l1d	4qrp 0.689259410
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## 16676	7sg1	4qrp 0.947477791
## 16677	7sg2	4qrp 0.933583277
## 16678	7rrg	4qrp 0.814470358
## 16679	7n2s	4qrp 0.836059447
## 16680	7n2n	4qrp 0.818425890
## 16681	7n2o	4qrp 0.902576794
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## 16683	7n2p	4qrp 0.963491047
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## 16685	8cx4	4qrp 0.865635734
## 16686	8VCX	4qrp 2.016258299
## 16687	8VCY	4qrp 0.990333881
## 16688	8VD0	4qrp 0.692168066
## 16689	8VD2	4qrp 0.705748213
## 16690	6XCP	4qrp 2.488908402
## 16691	6XC0	4qrp 1.019081224
## 16692	6XC9	4qrp 0.888921764
## 16693	1ao7	4y19 1.881856103
## 16694	1bd2	4y19 1.362918361
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## 16696	1j8h	4y19 2.016980459
## 16697	1mi5	4y19 1.443918028
## 16698	1oga	4y19 0.965112345
## 16699	1qrn	4y19 1.962455895
## 16700	1qse	4y19 2.047390778
## 16701	1qsf	4y19 1.953236858
## 16702	1zgl	4y19 0.975742393
## 16703	2ak4	4y19 0.880053615
## 16704	2bnq	4y19 1.471758454
## 16705	2bnr	4y19 1.247055228
## 16706	2esv	4y19 1.650071119
## 16707	2f53	4y19 1.317384105
## 16708	2f54	4y19 1.858561277
## 16709	2gj6	4y19 1.918125403
## 16710	2iam	4y19 4.017282795
## 16711	2ian	4y19 0.825221226
## 16712	2nx5	4y19 0.928536509
## 16713	2p5e	4y19 1.313421915

## 16714	2p5w	4y19 1.316941092
## 16715	2pye	4y19 1.134380916
## 16716	2vlj	4y19 1.508784050
## 16717	2vlk	4y19 2.539401211
## 16718	2vlr	4y19 1.366809884
## 16719	2xn9	4y19 1.189943207
## 16720	2yp1	4y19 1.261067584
## 16721	3d39	4y19 1.265604346
## 16722	3d3v	4y19 1.043812719
## 16723	3dxa	4y19 1.216842257
## 16724	3ffc	4y19 1.130577673
## 16725	3gsn	4y19 1.310101699
## 16726	3h9s	4y19 1.263740091
## 16727	3hg1	4y19 1.466539504
## 16728	3kpr	4y19 1.084025664
## 16729	3kps	4y19 0.976410181
## 16730	3kxf	4y19 0.850331303
## 16731	3mv7	4y19 0.911730607
## 16732	3mv8	4y19 1.601325026
## 16733	3mv9	4y19 1.329520757
## 16734	3o4l	4y19 1.793934512
## 16735	3pwp	4y19 1.265933191
## 16736	3qdg	4y19 2.081790260
## 16737	3qdj	4y19 2.082798579
## 16738	3qdm	4y19 2.632108632
## 16739	3qeq	4y19 1.521723711
## 16740	3qfj	4y19 1.485969198
## 16741	3sjv	4y19 1.163489625
## 16742	3uts	4y19 1.673668716
## 16743	3utt	4y19 0.864505024
## 16744	3vxm	4y19 1.335009423
## 16745	3vxr	4y19 0.819988883
## 16746	3vxs	4y19 1.083550606
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## 16748	4e41	4y19 4.561499989
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## 16751	4g8g	4y19 0.792839452
## 16752	4g9f	4y19 1.297803309
## 16753	4gg6	4y19 1.189065684
## 16754	4jfd	4y19 1.475509788
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## 16756	4jff	4y19 1.472451125
## 16757	4jrx	4y19 1.218335517
## 16758	4jry	4y19 0.736938072
## 16759	4l3e	4y19 1.010655322
## 16760	4mji	4y19 1.706210460
## 16761	4mnq	4y19 1.294053571
## 16762	4ozf	4y19 1.673954496
## 16763	4ozg	4y19 3.813412682
## 16764	4ozh	4y19 2.494725933
## 16765	4ozi	4y19 3.753521600
## 16766	4prh	4y19 1.028319193
## 16767	4pri	4y19 1.453369273

## 16768	4prp	4y19 1.030923868
## 16769	4qok	4y19 1.738675919
## 16770	4qrp	4y19 0.766085392
## 16771	4y19	4y19 0.000000000
## 16772	4y1a	4y19 1.074863882
## 16773	4z7u	4y19 2.038532617
## 16774	4z7v	4y19 1.675518151
## 16775	4z7w	4y19 1.034151781
## 16776	5d2l	4y19 1.189242589
## 16777	5d2n	4y19 0.986807890
## 16778	1lp9	4y19 1.176973658
## 16779	1ymm	4y19 1.210973404
## 16780	2j8u	4y19 1.177468189
## 16781	2jcc	4y19 1.179307425
## 16782	2uwe	4y19 1.177193239
## 16783	2wbj	4y19 1.269029302
## 16784	3gjf	4y19 1.070481854
## 16785	3hae	4y19 1.267446114
## 16786	3nfj	4y19 1.083374792
## 16787	3o6f	4y19 0.985869969
## 16788	3pl6	4y19 1.570360342
## 16789	3t0e	4y19 1.195606524
## 16790	4euq	4y19 0.999043752
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## 16792	4h1l	4y19 1.624913468
## 16793	4may	4y19 1.202437038
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## 16796	4wuu	4y19 1.189426006
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## 16801	5c08	4y19 1.136867901
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## 16804	5c0b	4y19 1.239580131
## 16805	5c0c	4y19 1.625439429
## 16806	5e6i	4y19 1.367459619
## 16807	5e9d	4y19 1.063928655
## 16808	5eu6	4y19 1.469948970
## 16809	5euo	4y19 7.647252920
## 16810	5hhm	4y19 1.740602472
## 16811	5hho	4y19 1.341336168
## 16812	5hyj	4y19 1.402204187
## 16813	5isz	4y19 1.614688757
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## 16815	5jzi	4y19 1.346301155
## 16816	5ks9	4y19 1.268428323
## 16817	5ksa	4y19 0.935681464
## 16818	5ksb	4y19 0.869310695
## 16819	5men	4y19 1.293406649
## 16820	5nht	4y19 1.280446517
## 16821	5nme	4y19 1.679517239

## 16822	5nmf	4y19 1.544647317
## 16823	5nmg	4y19 1.153991729
## 16824	5nqk	4y19 1.273894369
## 16825	5tez	4y19 4.151961037
## 16826	5w1v	4y19 3.397452128
## 16827	5w1w	4y19 3.578476772
## 16828	5wkf	4y19 0.738206506
## 16829	5wkh	4y19 1.076558318
## 16830	5xot	4y19 0.864567121
## 16831	5xov	4y19 1.083374792
## 16832	5yxn	4y19 1.126436925
## 16833	5yxu	4y19 1.041253830
## 16834	6am5	4y19 1.007439639
## 16835	6amu	4y19 1.193067253
## 16836	6avf	4y19 1.667995603
## 16837	6avg	4y19 0.818847346
## 16838	6bj2	4y19 1.922957391
## 16839	6bj3	4y19 1.257528280
## 16840	6bj8	4y19 1.264794268
## 16841	6cql	4y19 1.336593378
## 16842	6cqn	4y19 3.621862746
## 16843	6cqq	4y19 1.946301941
## 16844	6cqr	4y19 1.145371909
## 16845	6d78	4y19 1.019212691
## 16846	6dfx	4y19 3.520180433
## 16847	6dkp	4y19 1.021019771
## 16848	6dxf	4y19 2.773161147
## 16849	6eqa	4y19 1.470223274
## 16850	6eqb	4y19 1.474126682
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## 16852	6p64	4y19 3.294060350
## 16853	6px6	4y19 1.189580055
## 16854	6py2	4y19 1.654777879
## 16855	6q3s	4y19 1.245539002
## 16856	6r2l	4y19 1.563541051
## 16857	6rp9	4y19 1.098816750
## 16858	6rpa	4y19 0.919999185
## 16859	6rpb	4y19 1.310397515
## 16860	6rsy	4y19 1.086375494
## 16861	6tmo	4y19 1.645888469
## 16862	6tro	4y19 1.951707775
## 16863	6u3n	4y19 1.358250912
## 16864	6u3o	4y19 2.097676372
## 16865	6uon	4y19 1.388766291
## 16866	6vm7	4y19 1.108824185
## 16867	6vm8	4y19 1.086815181
## 16868	6vma	4y19 1.422945486
## 16869	6vmc	4y19 1.598776931
## 16870	6vmx	4y19 1.026268895
## 16871	6vqo	4y19 1.141283357
## 16872	6vrm	4y19 2.535854704
## 16873	6vrn	4y19 1.114694061
## 16874	7n1e	4y19 1.614678152
## 16875	7n1f	4y19 1.286597973

## 16876	7n6e	4y19 1.104492564
## 16877	6xc9	4y19 1.232784428
## 16878	6xco	4y19 1.229100174
## 16879	6xcp	4y19 3.930475911
## 16880	6zkw	4y19 0.990885228
## 16881	6zkk	4y19 1.172743559
## 16882	6zky	4y19 0.989759965
## 16883	6zkk	4y19 0.886136623
## 16884	7dzm	4y19 2.003032554
## 16885	7dzn	4y19 1.394550530
## 16886	7rm4	4y19 1.310587350
## 16887	7rtr	4y19 1.389294913
## 16888	7l1d	4y19 0.980600644
## 16889	7sg0	4y19 1.515775664
## 16890	7sg1	4y19 1.180214405
## 16891	7sg2	4y19 1.158632328
## 16892	7rrg	4y19 1.513417372
## 16893	7n2s	4y19 1.473116299
## 16894	7n2n	4y19 1.463421344
## 16895	7n2o	4y19 1.263109030
## 16896	7n2r	4y19 1.311515816
## 16897	7n2p	4y19 1.128119618
## 16898	7n2q	4y19 1.200565139
## 16899	8cx4	4y19 1.199641296
## 16900	8VCX	4y19 3.268941613
## 16901	8VCY	4y19 1.518005903
## 16902	8VD0	4y19 1.093189772
## 16903	8VD2	4y19 1.408070857
## 16904	6XCP	4y19 3.931068399
## 16905	6XC0	4y19 1.229414919
## 16906	6XC9	4y19 1.232024435
## 16907	1ao7	4y1a 1.229247673
## 16908	1bd2	4y1a 1.085399019
## 16909	1fyt	4y1a 1.028319945
## 16910	1j8h	4y1a 1.332747487
## 16911	1mi5	4y1a 1.038802343
## 16912	1oga	4y1a 0.842232385
## 16913	1qrn	4y1a 1.179368029
## 16914	1qse	4y1a 1.467978086
## 16915	1qsf	4y1a 1.170173724
## 16916	1zgl	4y1a 1.020247036
## 16917	2ak4	4y1a 0.802473154
## 16918	2bnq	4y1a 1.050899863
## 16919	2bnr	4y1a 0.978235170
## 16920	2esv	4y1a 1.112069299
## 16921	2f53	4y1a 0.804428338
## 16922	2f54	4y1a 1.601686090
## 16923	2gj6	4y1a 1.235602343
## 16924	2iam	4y1a 3.559109439
## 16925	2ian	4y1a 0.713729826
## 16926	2nx5	4y1a 0.815464702
## 16927	2p5e	4y1a 0.800196886
## 16928	2p5w	4y1a 0.803758965
## 16929	2pye	4y1a 0.817296810

## 16930	2vlj	4y1a 1.481964258
## 16931	2vlk	4y1a 1.895167726
## 16932	2vlr	4y1a 1.150484525
## 16933	2xn9	4y1a 0.787859820
## 16934	2yp1	4y1a 1.132926870
## 16935	3d39	4y1a 0.934461236
## 16936	3d3v	4y1a 0.857507857
## 16937	3dxa	4y1a 1.182321755
## 16938	3ffc	4y1a 0.913232864
## 16939	3gsn	4y1a 1.141523430
## 16940	3h9s	4y1a 0.933027462
## 16941	3hg1	4y1a 1.109410037
## 16942	3kpr	4y1a 0.821618612
## 16943	3kps	4y1a 0.746742505
## 16944	3kxf	4y1a 0.784950761
## 16945	3mv7	4y1a 0.750925370
## 16946	3mv8	4y1a 1.085962092
## 16947	3mv9	4y1a 0.961723405
## 16948	3o41	4y1a 1.193710076
## 16949	3pwp	4y1a 0.935400675
## 16950	3qdg	4y1a 1.586715182
## 16951	3qdj	4y1a 1.586256258
## 16952	3qdm	4y1a 2.362218603
## 16953	3qeq	4y1a 1.273417848
## 16954	3qfj	4y1a 1.227489207
## 16955	3sjv	4y1a 1.066629915
## 16956	3uts	4y1a 1.248721593
## 16957	3utt	4y1a 0.694484245
## 16958	3vxm	4y1a 0.940004826
## 16959	3vxr	4y1a 0.896494386
## 16960	3vxs	4y1a 0.890010942
## 16961	4c56	4y1a 0.708913240
## 16962	4e41	4y1a 4.292392092
## 16963	4eup	4y1a 0.865738784
## 16964	4ftv	4y1a 0.553502519
## 16965	4g8g	4y1a 0.911540681
## 16966	4g9f	4y1a 0.702210151
## 16967	4gg6	4y1a 1.154783487
## 16968	4jfd	4y1a 1.119478333
## 16969	4jfe	4y1a 1.117071387
## 16970	4jff	4y1a 1.114390510
## 16971	4jrx	4y1a 0.961275461
## 16972	4jry	4y1a 1.058265677
## 16973	4l3e	4y1a 0.719541093
## 16974	4mji	4y1a 1.606754237
## 16975	4mnq	4y1a 0.742552507
## 16976	4ozf	4y1a 1.581532934
## 16977	4ozg	4y1a 3.551297888
## 16978	4ozh	4y1a 2.458614518
## 16979	4ozi	4y1a 3.424338805
## 16980	4prh	4y1a 0.739233345
## 16981	4pri	4y1a 0.954597453
## 16982	4prp	4y1a 0.760385518
## 16983	4qok	4y1a 0.962633040

## 16984	4qrp	4y1a 0.680157704
## 16985	4y19	4y1a 1.074863882
## 16986	4y1a	4y1a 0.000000000
## 16987	4z7u	4y1a 1.760672384
## 16988	4z7v	4y1a 1.474841187
## 16989	4z7w	4y1a 0.809451651
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## 16991	5d2n	4y1a 0.745894243
## 16992	1lp9	4y1a 0.776951553
## 16993	1ymm	4y1a 0.966189818
## 16994	2j8u	4y1a 0.778139328
## 16995	2jcc	4y1a 0.778793541
## 16996	2uwe	4y1a 0.777386734
## 16997	2wbj	4y1a 1.088835509
## 16998	3gjf	4y1a 0.993250201
## 16999	3hae	4y1a 1.154449926
## 17000	3nfj	4y1a 0.969610903
## 17001	3o6f	4y1a 0.754348606
## 17002	3pl6	4y1a 1.090687365
## 17003	3t0e	4y1a 1.052187678
## 17004	4euq	4y1a 0.910340332
## 17005	4grl	4y1a 1.018465860
## 17006	4h1l	4y1a 1.410894875
## 17007	4may	4y1a 0.794927839
## 17008	4p4k	4y1a 0.908139599
## 17009	4qrr	4y1a 0.940784827
## 17010	4wuu	4y1a 1.081777886
## 17011	4zez	4y1a 1.329323861
## 17012	5brz	4y1a 2.707348014
## 17013	5bs0	4y1a 3.634527757
## 17014	5c07	4y1a 1.307878323
## 17015	5c08	4y1a 1.094911929
## 17016	5c09	4y1a 0.702615200
## 17017	5c0a	4y1a 1.498485351
## 17018	5c0b	4y1a 0.901493442
## 17019	5c0c	4y1a 1.596639434
## 17020	5e6i	4y1a 1.251776669
## 17021	5e9d	4y1a 0.854270151
## 17022	5eu6	4y1a 1.002384890
## 17023	5euo	4y1a 7.463945185
## 17024	5hhm	4y1a 1.258539110
## 17025	5hho	4y1a 0.927879955
## 17026	5hyj	4y1a 1.220969114
## 17027	5isz	4y1a 1.396996685
## 17028	5jhd	4y1a 1.358914880
## 17029	5jzi	4y1a 1.328555447
## 17030	5ks9	4y1a 0.983633000
## 17031	5ksa	4y1a 0.896458828
## 17032	5ksb	4y1a 0.846769638
## 17033	5men	4y1a 0.740525393
## 17034	5nht	4y1a 1.116904919
## 17035	5nme	4y1a 1.269495551
## 17036	5nmf	4y1a 1.247269484
## 17037	5nmg	4y1a 0.894247327

## 17038	5nqk	4y1a 1.115197701
## 17039	5tez	4y1a 3.953632493
## 17040	5w1v	4y1a 3.290062531
## 17041	5w1w	4y1a 3.421982809
## 17042	5wkf	4y1a 0.710156242
## 17043	5wkh	4y1a 0.708924594
## 17044	5xot	4y1a 0.833115494
## 17045	5xov	4y1a 0.969610903
## 17046	5yxn	4y1a 0.742766171
## 17047	5yxu	4y1a 0.988708094
## 17048	6am5	4y1a 0.725070729
## 17049	6amu	4y1a 0.793005350
## 17050	6avf	4y1a 2.013501369
## 17051	6avg	4y1a 0.791639157
## 17052	6bj2	4y1a 1.735152319
## 17053	6bj3	4y1a 1.088813024
## 17054	6bj8	4y1a 1.088066254
## 17055	6cql	4y1a 0.902362601
## 17056	6cqn	4y1a 3.129518302
## 17057	6cqq	4y1a 1.936325008
## 17058	6cqr	4y1a 0.997059983
## 17059	6d78	4y1a 0.707834044
## 17060	6dfx	4y1a 3.261012924
## 17061	6dkp	4y1a 0.716384916
## 17062	6dxl	4y1a 2.318571153
## 17063	6eqa	4y1a 1.114108295
## 17064	6eqb	4y1a 1.117260590
## 17065	6mtm	4y1a 0.805241025
## 17066	6p64	4y1a 3.008767380
## 17067	6px6	4y1a 0.805685066
## 17068	6py2	4y1a 1.028661220
## 17069	6q3s	4y1a 0.784035398
## 17070	6r2l	4y1a 1.279122557
## 17071	6rp9	4y1a 1.043156950
## 17072	6rpa	4y1a 0.897375348
## 17073	6rpb	4y1a 1.179069473
## 17074	6rsy	4y1a 0.742452170
## 17075	6tmo	4y1a 1.240614096
## 17076	6tro	4y1a 1.227288371
## 17077	6u3n	4y1a 0.820351955
## 17078	6u3o	4y1a 2.113118587
## 17079	6uon	4y1a 1.172358778
## 17080	6vm7	4y1a 0.656279233
## 17081	6vm8	4y1a 0.777041890
## 17082	6vma	4y1a 0.739845304
## 17083	6vmc	4y1a 1.410703316
## 17084	6vmx	4y1a 1.007281628
## 17085	6vqo	4y1a 0.646913194
## 17086	6vrm	4y1a 2.214235740
## 17087	6vrn	4y1a 0.807951521
## 17088	7n1e	4y1a 1.117981170
## 17089	7n1f	4y1a 0.999303747
## 17090	7n6e	4y1a 0.919138866
## 17091	6xc9	4y1a 1.176148368

## 17092	6xco	4y1a 1.025939465
## 17093	6xcp	4y1a 3.483138470
## 17094	6zkw	4y1a 0.734743889
## 17095	6zkk	4y1a 0.672459337
## 17096	6zky	4y1a 0.736638163
## 17097	6zkz	4y1a 0.807336180
## 17098	7dzm	4y1a 1.617589035
## 17099	7dzn	4y1a 0.980778395
## 17100	7rm4	4y1a 1.201018564
## 17101	7rtr	4y1a 1.154958841
## 17102	7l1d	4y1a 0.749758452
## 17103	7sg0	4y1a 1.388224000
## 17104	7sg1	4y1a 1.234147059
## 17105	7sg2	4y1a 1.218321776
## 17106	7rrg	4y1a 0.906351525
## 17107	7n2s	4y1a 0.846582836
## 17108	7n2n	4y1a 0.837242831
## 17109	7n2o	4y1a 1.152930895
## 17110	7n2r	4y1a 0.965048092
## 17111	7n2p	4y1a 1.165575404
## 17112	7n2q	4y1a 1.053901594
## 17113	8cx4	4y1a 0.988227504
## 17114	8VCX	4y1a 2.730548882
## 17115	8VCY	4y1a 1.036669582
## 17116	8VD0	4y1a 0.731202099
## 17117	8VD2	4y1a 0.723012290
## 17118	6XCP	4y1a 3.483156645
## 17119	6XC0	4y1a 1.025834358
## 17120	6XC9	4y1a 1.176067066
## 17121	1ao7	4z7u 1.752724238
## 17122	1bd2	4z7u 1.686412362
## 17123	1fyt	4z7u 1.663741011
## 17124	1j8h	4z7u 1.609229242
## 17125	1mi5	4z7u 1.659876130
## 17126	1oga	4z7u 1.732214176
## 17127	1qrn	4z7u 1.605060192
## 17128	1qse	4z7u 1.546838019
## 17129	1qsf	4z7u 1.605489764
## 17130	1zgl	4z7u 1.164307801
## 17131	2ak4	4z7u 0.960878767
## 17132	2bnq	4z7u 1.590539455
## 17133	2bnr	4z7u 1.670768513
## 17134	2esv	4z7u 1.681410475
## 17135	2f53	4z7u 1.647573076
## 17136	2f54	4z7u 1.273067589
## 17137	2gj6	4z7u 1.562612573
## 17138	2iam	4z7u 2.652898709
## 17139	2ian	4z7u 1.061430328
## 17140	2nx5	4z7u 0.834455429
## 17141	2p5e	4z7u 1.648791861
## 17142	2p5w	4z7u 1.649672674
## 17143	2pye	4z7u 1.751907658
## 17144	2vlj	4z7u 1.765058233
## 17145	2vlk	4z7u 1.783858016

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## 17147	2xn9	4z7u 1.660979477
## 17148	2yp1	4z7u 1.723322169
## 17149	3d39	4z7u 1.647478343
## 17150	3d3v	4z7u 1.701834353
## 17151	3dxa	4z7u 1.261140195
## 17152	3ffc	4z7u 1.546864881
## 17153	3gsn	4z7u 1.637648198
## 17154	3h9s	4z7u 1.648386351
## 17155	3hg1	4z7u 1.614517040
## 17156	3kpr	4z7u 1.221640278
## 17157	3kps	4z7u 1.766121320
## 17158	3kxf	4z7u 0.879242047
## 17159	3mv7	4z7u 1.779336849
## 17160	3mv8	4z7u 1.658667266
## 17161	3mv9	4z7u 1.716514824
## 17162	3o4l	4z7u 1.642990348
## 17163	3pwp	4z7u 1.647469568
## 17164	3qdg	4z7u 1.560983408
## 17165	3qdj	4z7u 1.561392388
## 17166	3qdm	4z7u 1.884457890
## 17167	3qeq	4z7u 1.629404000
## 17168	3qfj	4z7u 1.618587096
## 17169	3sjv	4z7u 0.861760086
## 17170	3uts	4z7u 1.130673875
## 17171	3utt	4z7u 1.281262399
## 17172	3vxm	4z7u 1.668110818
## 17173	3vxr	4z7u 1.868473923
## 17174	3vxs	4z7u 1.765814106
## 17175	4c56	4z7u 1.131823640
## 17176	4e41	4z7u 2.840109947
## 17177	4eup	4z7u 1.181131815
## 17178	4ftv	4z7u 1.773248845
## 17179	4g8g	4z7u 1.966321815
## 17180	4g9f	4z7u 1.621517876
## 17181	4gg6	4z7u 1.602655614
## 17182	4jfd	4z7u 1.608817094
## 17183	4jfe	4z7u 1.608573857
## 17184	4jff	4z7u 1.608223081
## 17185	4jrx	4z7u 1.670541542
## 17186	4jry	4z7u 1.850398733
## 17187	4l3e	4z7u 1.766822285
## 17188	4mji	4z7u 1.865679137
## 17189	4mnq	4z7u 1.697898505
## 17190	4ozf	4z7u 1.820810318
## 17191	4ozg	4z7u 1.685926382
## 17192	4ozh	4z7u 1.301108099
## 17193	4ozi	4z7u 1.595177857
## 17194	4prh	4z7u 1.798597006
## 17195	4pri	4z7u 1.767292877
## 17196	4prp	4z7u 1.745945448
## 17197	4qok	4z7u 1.606863642
## 17198	4qrp	4z7u 1.206899610
## 17199	4y19	4z7u 2.038532617

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## 17201	4z7u	4z7u 0.000000000
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## 17203	4z7w	4z7u 1.083666673
## 17204	5d2l	4z7u 1.013518749
## 17205	5d2n	4z7u 1.167960944
## 17206	1lp9	4z7u 1.158947079
## 17207	1ymm	4z7u 1.983573836
## 17208	2j8u	4z7u 1.158638900
## 17209	2jcc	4z7u 1.158499282
## 17210	2uwe	4z7u 1.158823128
## 17211	2wbj	4z7u 1.222837809
## 17212	3gjf	4z7u 1.238554393
## 17213	3hae	4z7u 0.972192479
## 17214	3nfj	4z7u 1.059041047
## 17215	3o6f	4z7u 1.210829040
## 17216	3pl6	4z7u 1.714162689
## 17217	3t0e	4z7u 1.438324123
## 17218	4euq	4z7u 1.531544516
## 17219	4grl	4z7u 1.637035480
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## 17222	4p4k	4z7u 1.188860561
## 17223	4qrr	4z7u 1.772845387
## 17224	4wuu	4z7u 1.722464904
## 17225	4zez	4z7u 1.503882382
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## 17227	5bs0	4z7u 2.428071135
## 17228	5c07	4z7u 1.194082016
## 17229	5c08	4z7u 1.260636946
## 17230	5c09	4z7u 1.279805021
## 17231	5c0a	4z7u 1.434268573
## 17232	5c0b	4z7u 1.388825870
## 17233	5c0c	4z7u 1.365982867
## 17234	5e6i	4z7u 1.076047784
## 17235	5e9d	4z7u 1.440389665
## 17236	5eu6	4z7u 1.670361849
## 17237	5euo	4z7u 4.390243471
## 17238	5hhm	4z7u 1.264690638
## 17239	5hho	4z7u 1.775160601
## 17240	5hyj	4z7u 1.183955941
## 17241	5isz	4z7u 1.652911878
## 17242	5jhd	4z7u 1.260332376
## 17243	5jzi	4z7u 1.503869259
## 17244	5ks9	4z7u 1.459167713
## 17245	5ksa	4z7u 1.779487753
## 17246	5ksb	4z7u 1.394049517
## 17247	5men	4z7u 1.697411693
## 17248	5nht	4z7u 1.767494003
## 17249	5nme	4z7u 1.165613380
## 17250	5nmf	4z7u 1.150506782
## 17251	5nmg	4z7u 1.183463882
## 17252	5nqk	4z7u 1.771904535
## 17253	5tez	4z7u 2.709153067

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## 17255	5w1w	4z7u 2.241385312
## 17256	5wkf	4z7u 1.387248494
## 17257	5wkh	4z7u 1.171888061
## 17258	5xot	4z7u 1.884547454
## 17259	5xov	4z7u 1.059041047
## 17260	5yxn	4z7u 1.732824521
## 17261	5yxu	4z7u 1.241958426
## 17262	6am5	4z7u 1.780326617
## 17263	6amu	4z7u 1.743322528
## 17264	6avf	4z7u 2.189731190
## 17265	6avg	4z7u 1.412541971
## 17266	6bj2	4z7u 1.964203771
## 17267	6bj3	4z7u 1.889602829
## 17268	6bj8	4z7u 1.892845002
## 17269	6cql	4z7u 1.768896643
## 17270	6cqn	4z7u 2.432452426
## 17271	6cqq	4z7u 1.584852424
## 17272	6cqr	4z7u 1.317795895
## 17273	6d78	4z7u 1.785464526
## 17274	6dfx	4z7u 1.823764540
## 17275	6dkp	4z7u 1.771926883
## 17276	6dxg	4z7u 1.860370066
## 17277	6eqa	4z7u 1.616158993
## 17278	6eqb	4z7u 1.611700380
## 17279	6mtm	4z7u 1.699100601
## 17280	6p64	4z7u 1.509148318
## 17281	6px6	4z7u 1.709728347
## 17282	6py2	4z7u 1.667643181
## 17283	6q3s	4z7u 1.697349871
## 17284	6r2l	4z7u 1.658637332
## 17285	6rp9	4z7u 1.183662918
## 17286	6rpa	4z7u 1.770002167
## 17287	6rpb	4z7u 0.925204460
## 17288	6rsy	4z7u 1.188244603
## 17289	6tmo	4z7u 1.630695850
## 17290	6tro	4z7u 1.673609472
## 17291	6u3n	4z7u 1.638662596
## 17292	6u3o	4z7u 1.571620277
## 17293	6uon	4z7u 1.161695238
## 17294	6vm7	4z7u 1.747731738
## 17295	6vm8	4z7u 1.751274037
## 17296	6vma	4z7u 1.636647405
## 17297	6vmc	4z7u 1.768226264
## 17298	6vmx	4z7u 1.450411311
## 17299	6vqo	4z7u 1.187123196
## 17300	6vrm	4z7u 1.805325108
## 17301	6vrn	4z7u 1.738431205
## 17302	7n1e	4z7u 1.639408740
## 17303	7n1f	4z7u 1.656440537
## 17304	7n6e	4z7u 1.215287127
## 17305	6xc9	4z7u 1.384307292
## 17306	6xco	4z7u 1.876741620
## 17307	6xcp	4z7u 2.530547727

## 17308	6zkw	4z7u 1.803235526
## 17309	6zxx	4z7u 1.718791066
## 17310	6zky	4z7u 1.803940504
## 17311	6zkz	4z7u 1.778130505
## 17312	7dzm	4z7u 1.649042950
## 17313	7dzn	4z7u 1.546275564
## 17314	7rm4	4z7u 0.964338896
## 17315	7rtr	4z7u 1.635115777
## 17316	7l1d	4z7u 1.784541707
## 17317	7sg0	4z7u 1.781369132
## 17318	7sg1	4z7u 1.224458335
## 17319	7sg2	4z7u 1.214327698
## 17320	7rrg	4z7u 1.601868872
## 17321	7n2s	4z7u 1.608156351
## 17322	7n2n	4z7u 1.592039127
## 17323	7n2o	4z7u 1.691698130
## 17324	7n2r	4z7u 1.759527546
## 17325	7n2p	4z7u 1.785177329
## 17326	7n2q	4z7u 1.195317726
## 17327	8cx4	4z7u 1.676573498
## 17328	8VCX	4z7u 2.009509137
## 17329	8VCY	4z7u 1.639343521
## 17330	8VD0	4z7u 1.124041669
## 17331	8VD2	4z7u 1.679847828
## 17332	6XCP	4z7u 2.528234501
## 17333	6XC0	4z7u 1.875983982
## 17334	6XC9	4z7u 1.383199988
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## 17336	1bd2	4z7v 1.182489759
## 17337	1fyt	4z7v 1.437624029
## 17338	1j8h	4z7v 1.518414717
## 17339	1mi5	4z7v 1.368729207
## 17340	1oga	4z7v 1.500654938
## 17341	1qrn	4z7v 1.585194742
## 17342	1qse	4z7v 1.603241493
## 17343	1qsf	4z7v 1.581595083
## 17344	1zgl	4z7v 1.102365178
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## 17347	2bnr	4z7v 1.354501209
## 17348	2esv	4z7v 1.619526567
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## 17351	2gj6	4z7v 1.576398707
## 17352	2iam	4z7v 1.910141830
## 17353	2ian	4z7v 0.976005410
## 17354	2nx5	4z7v 0.769355053
## 17355	2p5e	4z7v 1.332905948
## 17356	2p5w	4z7v 1.334117061
## 17357	2pye	4z7v 1.287143138
## 17358	2vlj	4z7v 1.343218254
## 17359	2vlk	4z7v 1.909095319
## 17360	2vlr	4z7v 0.920102829
## 17361	2xn9	4z7v 1.350335615

## 17362	2yp1	4z7v 1.413694317
## 17363	3d39	4z7v 1.307910698
## 17364	3d3v	4z7v 1.511119719
## 17365	3dxa	4z7v 0.753216990
## 17366	3ffc	4z7v 1.216829708
## 17367	3gsn	4z7v 1.265834379
## 17368	3h9s	4z7v 1.307017999
## 17369	3hg1	4z7v 1.333652350
## 17370	3kpr	4z7v 0.931651870
## 17371	3kps	4z7v 1.375430084
## 17372	3kxf	4z7v 0.871325829
## 17373	3mv7	4z7v 1.641896539
## 17374	3mv8	4z7v 1.066915041
## 17375	3mv9	4z7v 1.742957005
## 17376	3o4l	4z7v 1.090723608
## 17377	3pwp	4z7v 1.308357250
## 17378	3qdg	4z7v 1.489970858
## 17379	3qdj	4z7v 1.490564271
## 17380	3qdm	4z7v 1.592477016
## 17381	3qeq	4z7v 1.188434099
## 17382	3qfj	4z7v 1.274600665
## 17383	3sjv	4z7v 0.836735326
## 17384	3uts	4z7v 1.032814758
## 17385	3utt	4z7v 1.131088106
## 17386	3vxm	4z7v 1.262881758
## 17387	3vxr	4z7v 1.344519524
## 17388	3vxs	4z7v 1.366106154
## 17389	4c56	4z7v 0.946823383
## 17390	4e41	4z7v 3.233589230
## 17391	4eup	4z7v 1.086078498
## 17392	4ftv	4z7v 1.320139283
## 17393	4g8g	4z7v 1.514597246
## 17394	4g9f	4z7v 1.335105828
## 17395	4gg6	4z7v 0.997250301
## 17396	4jfd	4z7v 1.332853835
## 17397	4jfe	4z7v 1.331613740
## 17398	4jff	4z7v 1.331522699
## 17399	4jrx	4z7v 1.270967048
## 17400	4jry	4z7v 1.470641861
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## 17402	4mji	4z7v 1.810549632
## 17403	4mnq	4z7v 1.515249929
## 17404	4ozf	4z7v 1.155246708
## 17405	4ozg	4z7v 2.509922119
## 17406	4ozh	4z7v 1.592751445
## 17407	4ozi	4z7v 2.601635436
## 17408	4prh	4z7v 1.380750309
## 17409	4pri	4z7v 1.165695032
## 17410	4prp	4z7v 1.333468147
## 17411	4qok	4z7v 1.387708316
## 17412	4qrp	4z7v 1.172625499
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## 17414	4y1a	4z7v 1.474841187
## 17415	4z7u	4z7v 1.283399438

## 17416	4z7v	4z7v 0.000000000
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## 17419	5d2n	4z7v 1.036908981
## 17420	1lp9	4z7v 0.883024596
## 17421	1ymm	4z7v 1.359847155
## 17422	2j8u	4z7v 0.883521557
## 17423	2jcc	4z7v 0.883700808
## 17424	2uwe	4z7v 0.883153229
## 17425	2wbj	4z7v 0.950242648
## 17426	3gjf	4z7v 0.943451521
## 17427	3hae	4z7v 0.892987754
## 17428	3nfj	4z7v 0.868383209
## 17429	3o6f	4z7v 1.134527360
## 17430	3pl6	4z7v 1.296797170
## 17431	3t0e	4z7v 0.958830505
## 17432	4euq	4z7v 1.178228603
## 17433	4grl	4z7v 1.155993363
## 17434	4h1l	4z7v 0.753356973
## 17435	4may	4z7v 1.313946273
## 17436	4p4k	4z7v 0.891344731
## 17437	4qrr	4z7v 1.229169067
## 17438	4wuu	4z7v 1.404966075
## 17439	4zez	4z7v 0.795097264
## 17440	5brz	4z7v 1.989341199
## 17441	5bs0	4z7v 2.406208803
## 17442	5c07	4z7v 0.832235659
## 17443	5c08	4z7v 1.101861645
## 17444	5c09	4z7v 1.134209438
## 17445	5c0a	4z7v 1.172899544
## 17446	5c0b	4z7v 1.111714906
## 17447	5c0c	4z7v 1.149880220
## 17448	5e6i	4z7v 1.170922092
## 17449	5e9d	4z7v 1.231550831
## 17450	5eu6	4z7v 1.243036873
## 17451	5euo	4z7v 5.254525260
## 17452	5hbm	4z7v 1.249415085
## 17453	5hho	4z7v 1.167630406
## 17454	5hyj	4z7v 0.996318167
## 17455	5isz	4z7v 1.534316322
## 17456	5jhd	4z7v 0.959000268
## 17457	5jzi	4z7v 0.794481422
## 17458	5ks9	4z7v 1.402107460
## 17459	5ksa	4z7v 1.286359104
## 17460	5ksb	4z7v 0.906252610
## 17461	5men	4z7v 1.515833446
## 17462	5nht	4z7v 1.365228569
## 17463	5nme	4z7v 1.193436797
## 17464	5nmf	4z7v 0.890668409
## 17465	5nmg	4z7v 0.864805028
## 17466	5nqk	4z7v 1.373753787
## 17467	5tez	4z7v 2.666042745
## 17468	5w1v	4z7v 2.122045874
## 17469	5w1w	4z7v 2.223921756

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## 17471	5wkh	4z7v 0.904849740
## 17472	5xot	4z7v 1.337052837
## 17473	5xov	4z7v 0.868383209
## 17474	5yxn	4z7v 1.338185980
## 17475	5yxu	4z7v 1.154852166
## 17476	6am5	4z7v 1.400293476
## 17477	6amu	4z7v 1.228816340
## 17478	6avf	4z7v 1.522236323
## 17479	6avg	4z7v 1.186272348
## 17480	6bj2	4z7v 1.672447400
## 17481	6bj3	4z7v 1.182051160
## 17482	6bj8	4z7v 1.185205968
## 17483	6cql	4z7v 1.198075006
## 17484	6cqn	4z7v 1.662692851
## 17485	6cqq	4z7v 1.410834701
## 17486	6cqr	4z7v 0.798906678
## 17487	6d78	4z7v 1.399640453
## 17488	6dfx	4z7v 2.576020882
## 17489	6dkp	4z7v 1.382714847
## 17490	6dxf	4z7v 1.949427704
## 17491	6eqa	4z7v 1.335767581
## 17492	6eqb	4z7v 1.331660847
## 17493	6mtm	4z7v 1.285447418
## 17494	6p64	4z7v 2.138765782
## 17495	6px6	4z7v 1.361002770
## 17496	6py2	4z7v 1.249560873
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## 17498	6r2l	4z7v 1.136670957
## 17499	6rp9	4z7v 0.851039202
## 17500	6rpa	4z7v 1.394337079
## 17501	6rpb	4z7v 0.815711880
## 17502	6rsy	4z7v 1.119709087
## 17503	6tmo	4z7v 1.153753845
## 17504	6tro	4z7v 1.782676958
## 17505	6u3n	4z7v 1.190148803
## 17506	6u3o	4z7v 1.436458507
## 17507	6uon	4z7v 1.078694785
## 17508	6vm7	4z7v 1.320006309
## 17509	6vm8	4z7v 1.271094350
## 17510	6vma	4z7v 1.554841656
## 17511	6vmc	4z7v 1.579282828
## 17512	6vmx	4z7v 1.121048255
## 17513	6vqo	4z7v 1.167480929
## 17514	6vrm	4z7v 1.490812362
## 17515	6vrn	4z7v 1.309463501
## 17516	7n1e	4z7v 1.143406226
## 17517	7n1f	4z7v 1.314412267
## 17518	7n6e	4z7v 0.948329189
## 17519	6xc9	4z7v 1.004638976
## 17520	6xco	4z7v 1.225093672
## 17521	6xcp	4z7v 1.818872191
## 17522	6zkw	4z7v 1.413104788
## 17523	6zkk	4z7v 1.447164142

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## 17525	6zkz	4z7v 1.468398170
## 17526	7dzm	4z7v 1.226087720
## 17527	7dzn	4z7v 1.367536720
## 17528	7rm4	4z7v 1.003147456
## 17529	7rtr	4z7v 1.327760670
## 17530	7l1d	4z7v 1.539443771
## 17531	7sg0	4z7v 1.865669709
## 17532	7sg1	4z7v 0.768356431
## 17533	7sg2	4z7v 0.798237662
## 17534	7rrg	4z7v 1.422456547
## 17535	7n2s	4z7v 1.353768082
## 17536	7n2n	4z7v 1.356850383
## 17537	7n2o	4z7v 1.284879656
## 17538	7n2r	4z7v 1.341426354
## 17539	7n2p	4z7v 1.231506763
## 17540	7n2q	4z7v 1.021696967
## 17541	8cx4	4z7v 1.266275062
## 17542	8VCX	4z7v 1.741130771
## 17543	8VCY	4z7v 1.172041882
## 17544	8VD0	4z7v 0.902634121
## 17545	8VD2	4z7v 1.596738089
## 17546	6XCP	4z7v 1.814330453
## 17547	6XC0	4z7v 1.225388147
## 17548	6XC9	4z7v 1.003054225
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## 17550	1bd2	4z7w 0.676857423
## 17551	1fyt	4z7w 0.699446822
## 17552	1j8h	4z7w 1.006478331
## 17553	1mi5	4z7w 0.819292282
## 17554	1oga	4z7w 0.677982195
## 17555	1qrn	4z7w 0.906932126
## 17556	1qse	4z7w 1.068695507
## 17557	1qsf	4z7w 0.902492605
## 17558	1zgl	4z7w 0.745242132
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## 17560	2bnq	4z7w 0.879108073
## 17561	2bnr	4z7w 0.874837481
## 17562	2esv	4z7w 0.797159531
## 17563	2f53	4z7w 0.615615900
## 17564	2f54	4z7w 1.074990526
## 17565	2gj6	4z7w 0.981902427
## 17566	2iam	4z7w 2.298497439
## 17567	2ian	4z7w 0.647827451
## 17568	2nx5	4z7w 0.565485610
## 17569	2p5e	4z7w 0.615416531
## 17570	2p5w	4z7w 0.616522848
## 17571	2pye	4z7w 0.677977015
## 17572	2vlj	4z7w 0.931599315
## 17573	2vlk	4z7w 1.290833561
## 17574	2vlr	4z7w 0.705555351
## 17575	2xn9	4z7w 0.815021011
## 17576	2ypl	4z7w 0.934203682
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## 17578	3d3v	4z7w 0.667787158
## 17579	3dxa	4z7w 0.863223189
## 17580	3ffc	4z7w 0.864445744
## 17581	3gsn	4z7w 0.782401169
## 17582	3h9s	4z7w 0.739305215
## 17583	3hg1	4z7w 0.781573072
## 17584	3kpr	4z7w 0.661878415
## 17585	3kps	4z7w 0.664408850
## 17586	3kxf	4z7w 0.575207818
## 17587	3mv7	4z7w 0.783889636
## 17588	3mv8	4z7w 0.835488415
## 17589	3mv9	4z7w 0.846587726
## 17590	3o4l	4z7w 0.846045648
## 17591	3pwp	4z7w 0.740651628
## 17592	3qdg	4z7w 1.100739004
## 17593	3qdj	4z7w 1.100437044
## 17594	3qdm	4z7w 1.574246479
## 17595	3qeq	4z7w 0.864892372
## 17596	3qfj	4z7w 0.835084152
## 17597	3sjv	4z7w 0.669306852
## 17598	3uts	4z7w 0.872202028
## 17599	3utt	4z7w 0.692372372
## 17600	3vxm	4z7w 0.685720113
## 17601	3vxr	4z7w 0.809460671
## 17602	3vxs	4z7w 0.748933579
## 17603	4c56	4z7w 0.580664105
## 17604	4e41	4z7w 2.957094196
## 17605	4eup	4z7w 0.663966468
## 17606	4ftv	4z7w 0.719718923
## 17607	4g8g	4z7w 0.862495559
## 17608	4g9f	4z7w 0.782407309
## 17609	4gg6	4z7w 0.929909904
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## 17612	4jff	4z7w 0.785189625
## 17613	4jrx	4z7w 0.638470855
## 17614	4jry	4z7w 0.826087660
## 17615	4l3e	4z7w 0.857587147
## 17616	4mji	4z7w 1.285762572
## 17617	4mnq	4z7w 0.683598355
## 17618	4ozf	4z7w 1.058389126
## 17619	4ozg	4z7w 2.224283114
## 17620	4ozh	4z7w 1.558739028
## 17621	4ozi	4z7w 2.182868575
## 17622	4prh	4z7w 0.714449389
## 17623	4pri	4z7w 0.749260812
## 17624	4prp	4z7w 0.694975307
## 17625	4qok	4z7w 0.855247136
## 17626	4qrp	4z7w 0.664391601
## 17627	4y19	4z7w 1.034151781
## 17628	4y1a	4z7w 0.809451651
## 17629	4z7u	4z7w 1.083666673
## 17630	4z7v	4z7w 1.091718996
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## 17635	1ymm	4z7w 1.026648887
## 17636	2j8u	4z7w 0.550470352
## 17637	2jcc	4z7w 0.550728244
## 17638	2uwe	4z7w 0.549908862
## 17639	2wbj	4z7w 0.799908461
## 17640	3gjf	4z7w 0.697193407
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## 17642	3nfj	4z7w 0.663297803
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## 17650	4p4k	4z7w 0.664573726
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## 17656	5c07	4z7w 0.877189146
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## 17660	5c0b	4z7w 0.741883190
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## 17663	5e9d	4z7w 0.664984272
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## 17670	5jhd	4z7w 0.960884269
## 17671	5jzi	4z7w 1.018624634
## 17672	5ks9	4z7w 0.862111995
## 17673	5ksa	4z7w 0.817897645
## 17674	5ksb	4z7w 0.563545707
## 17675	5men	4z7w 0.684257731
## 17676	5nht	4z7w 0.969799196
## 17677	5nme	4z7w 0.921763333
## 17678	5nmf	4z7w 0.811967618
## 17679	5nmg	4z7w 0.750416062
## 17680	5nqk	4z7w 0.973386054
## 17681	5tez	4z7w 2.644966993
## 17682	5w1v	4z7w 2.231970132
## 17683	5w1w	4z7w 2.411326689
## 17684	5wkf	4z7w 0.640928868
## 17685	5wkh	4z7w 0.623171339

## 17686	5xot	4z7w 0.753557163
## 17687	5xov	4z7w 0.663297803
## 17688	5yxn	4z7w 0.779522880
## 17689	5yxu	4z7w 0.722257124
## 17690	6am5	4z7w 0.861564574
## 17691	6amu	4z7w 0.828911444
## 17692	6avf	4z7w 1.436702863
## 17693	6avg	4z7w 0.740693237
## 17694	6bj2	4z7w 1.249969146
## 17695	6bj3	4z7w 0.826479720
## 17696	6bj8	4z7w 0.827673364
## 17697	6cql	4z7w 0.877522862
## 17698	6cqn	4z7w 2.050792883
## 17699	6cqq	4z7w 1.346855205
## 17700	6cqr	4z7w 0.649674128
## 17701	6d78	4z7w 0.858932251
## 17702	6dfx	4z7w 2.134664596
## 17703	6dkp	4z7w 0.854414812
## 17704	6dxl	4z7w 1.533627703
## 17705	6eqa	4z7w 0.783468728
## 17706	6eqb	4z7w 0.785154029
## 17707	6mtm	4z7w 0.784440808
## 17708	6p64	4z7w 1.952543425
## 17709	6px6	4z7w 0.605267137
## 17710	6py2	4z7w 0.731861947
## 17711	6q3s	4z7w 0.814230562
## 17712	6r2l	4z7w 0.779593731
## 17713	6rp9	4z7w 0.771889638
## 17714	6rpa	4z7w 0.716444904
## 17715	6rpb	4z7w 0.794311787
## 17716	6rsy	4z7w 0.682671281
## 17717	6tmo	4z7w 0.837479851
## 17718	6tro	4z7w 1.005533629
## 17719	6u3n	4z7w 0.662484731
## 17720	6u3o	4z7w 1.387818681
## 17721	6uon	4z7w 0.818507196
## 17722	6vm7	4z7w 0.755715186
## 17723	6vm8	4z7w 0.717325295
## 17724	6vma	4z7w 0.790346819
## 17725	6vmc	4z7w 0.949833332
## 17726	6vmx	4z7w 0.833410846
## 17727	6vqo	4z7w 0.639999027
## 17728	6vrm	4z7w 1.351148443
## 17729	6vrn	4z7w 0.815420884
## 17730	7n1e	4z7w 0.748050416
## 17731	7n1f	4z7w 0.673931719
## 17732	7n6e	4z7w 0.659297715
## 17733	6xc9	4z7w 0.790777094
## 17734	6xco	4z7w 0.763995954
## 17735	6xcp	4z7w 2.200198917
## 17736	6zkw	4z7w 0.742399641
## 17737	6zky	4z7w 0.781673966
## 17738	6zky	4z7w 0.742425158
## 17739	6zky	4z7w 0.747317920

## 17740	7dzm	4z7w 1.154280781
## 17741	7dzn	4z7w 0.747262914
## 17742	7rm4	4z7w 0.853289183
## 17743	7rtr	4z7w 0.700107708
## 17744	7l1d	4z7w 0.849180517
## 17745	7sg0	4z7w 1.033104112
## 17746	7sg1	4z7w 0.781776018
## 17747	7sg2	4z7w 0.763059513
## 17748	7rrg	4z7w 0.781376952
## 17749	7n2s	4z7w 0.807906852
## 17750	7n2n	4z7w 0.809129862
## 17751	7n2o	4z7w 0.717928234
## 17752	7n2r	4z7w 0.802762134
## 17753	7n2p	4z7w 0.871629670
## 17754	7n2q	4z7w 0.741488646
## 17755	8cx4	4z7w 0.646720720
## 17756	8VCX	4z7w 1.970100114
## 17757	8VCY	4z7w 0.815960667
## 17758	8VD0	4z7w 0.500359020
## 17759	8VD2	4z7w 0.786243175
## 17760	6XCP	4z7w 2.201995518
## 17761	6XC0	4z7w 0.762985832
## 17762	6XC9	4z7w 0.791178185
## 17763	1ao7	5d2l 0.995339603
## 17764	1bd2	5d2l 0.963516639
## 17765	1fyt	5d2l 0.907474461
## 17766	1j8h	5d2l 1.002020904
## 17767	1mi5	5d2l 0.873474770
## 17768	1oga	5d2l 0.968081819
## 17769	1qrn	5d2l 0.922116834
## 17770	1qse	5d2l 1.110852275
## 17771	1qsf	5d2l 0.923267689
## 17772	1zgl	5d2l 0.754343337
## 17773	2ak4	5d2l 0.669796783
## 17774	2bnq	5d2l 1.088081364
## 17775	2bnr	5d2l 1.130959653
## 17776	2esv	5d2l 0.891868837
## 17777	2f53	5d2l 0.988375307
## 17778	2f54	5d2l 0.954226163
## 17779	2gj6	5d2l 0.961787565
## 17780	2iam	5d2l 1.681071590
## 17781	2ian	5d2l 0.617204542
## 17782	2nx5	5d2l 0.536505361
## 17783	2p5e	5d2l 0.989664972
## 17784	2p5w	5d2l 0.990505099
## 17785	2pye	5d2l 1.058785513
## 17786	2vlj	5d2l 1.249909273
## 17787	2vlk	5d2l 0.966348655
## 17788	2vlr	5d2l 0.732555175
## 17789	2xn9	5d2l 0.899793210
## 17790	2ypl	5d2l 1.202216865
## 17791	3d39	5d2l 0.974167678
## 17792	3d3v	5d2l 0.952011815
## 17793	3dxa	5d2l 0.725025478

## 17794	3ffc	5d2l 0.809530134
## 17795	3gsn	5d2l 1.060778688
## 17796	3h9s	5d2l 0.974525511
## 17797	3hg1	5d2l 1.034998133
## 17798	3kpr	5d2l 0.833423691
## 17799	3kps	5d2l 1.058562929
## 17800	3kxf	5d2l 0.547318171
## 17801	3mv7	5d2l 1.025591393
## 17802	3mv8	5d2l 0.986340136
## 17803	3mv9	5d2l 0.985072838
## 17804	3o4l	5d2l 0.986821640
## 17805	3pwp	5d2l 0.974159536
## 17806	3qdg	5d2l 1.197115718
## 17807	3qdj	5d2l 1.197218723
## 17808	3qdm	5d2l 1.574667466
## 17809	3qeq	5d2l 1.102139499
## 17810	3qfj	5d2l 1.098013664
## 17811	3sjv	5d2l 0.609280562
## 17812	3uts	5d2l 0.768351709
## 17813	3utt	5d2l 0.724035004
## 17814	3vxm	5d2l 1.036284357
## 17815	3vxr	5d2l 1.014964950
## 17816	3vxs	5d2l 1.112710044
## 17817	4c56	5d2l 0.705798581
## 17818	4e4l	5d2l 2.017433574
## 17819	4eup	5d2l 0.839347196
## 17820	4ftv	5d2l 1.021364126
## 17821	4g8g	5d2l 1.008073823
## 17822	4g9f	5d2l 0.964128214
## 17823	4gg6	5d2l 0.778419147
## 17824	4jfd	5d2l 1.035019610
## 17825	4jfe	5d2l 1.035052434
## 17826	4jff	5d2l 1.034303176
## 17827	4jrx	5d2l 1.011469546
## 17828	4jry	5d2l 1.155595026
## 17829	4l3e	5d2l 1.090210196
## 17830	4mji	5d2l 1.015816164
## 17831	4mnq	5d2l 0.859106010
## 17832	4ozf	5d2l 1.258085884
## 17833	4ozg	5d2l 1.792452435
## 17834	4ozh	5d2l 1.498903063
## 17835	4ozi	5d2l 1.707035609
## 17836	4prh	5d2l 0.959686044
## 17837	4pri	5d2l 0.932800203
## 17838	4prp	5d2l 0.930026314
## 17839	4qok	5d2l 0.914800710
## 17840	4qrp	5d2l 0.761905926
## 17841	4y19	5d2l 1.189242589
## 17842	4y1a	5d2l 0.993555181
## 17843	4z7u	5d2l 1.013518749
## 17844	4z7v	5d2l 0.914119093
## 17845	4z7w	5d2l 0.744510808
## 17846	5d2l	5d2l 0.000000000
## 17847	5d2n	5d2l 0.813767763

## 17848	1lp9	5d2l 0.644230240
## 17849	1ymm	5d2l 1.116121657
## 17850	2j8u	5d2l 0.645249362
## 17851	2jcc	5d2l 0.644763323
## 17852	2uwe	5d2l 0.645208547
## 17853	2wbj	5d2l 0.722195173
## 17854	3gjf	5d2l 0.811780992
## 17855	3hae	5d2l 0.713378113
## 17856	3nfj	5d2l 0.722013404
## 17857	3o6f	5d2l 0.682570492
## 17858	3pl6	5d2l 0.895040063
## 17859	3t0e	5d2l 0.792603372
## 17860	4euq	5d2l 0.816667004
## 17861	4grl	5d2l 1.043820337
## 17862	4h1l	5d2l 0.976554754
## 17863	4may	5d2l 0.926679988
## 17864	4p4k	5d2l 0.734827118
## 17865	4qrr	5d2l 0.941526502
## 17866	4wuu	5d2l 1.167130146
## 17867	4zez	5d2l 0.891570276
## 17868	5brz	5d2l 1.513346106
## 17869	5bs0	5d2l 2.039362450
## 17870	5c07	5d2l 0.811757175
## 17871	5c08	5d2l 0.948105749
## 17872	5c09	5d2l 0.724165227
## 17873	5c0a	5d2l 0.909513971
## 17874	5c0b	5d2l 0.612253339
## 17875	5c0c	5d2l 1.066210059
## 17876	5e6i	5d2l 0.695418431
## 17877	5e9d	5d2l 0.946345197
## 17878	5eu6	5d2l 0.869787859
## 17879	5euo	5d2l 3.727261946
## 17880	5hhm	5d2l 0.675451965
## 17881	5hho	5d2l 1.120788206
## 17882	5hyj	5d2l 0.829942501
## 17883	5isz	5d2l 1.208073023
## 17884	5jhd	5d2l 0.788102419
## 17885	5jzi	5d2l 0.891447458
## 17886	5ks9	5d2l 0.733685035
## 17887	5ksa	5d2l 1.076554092
## 17888	5ksb	5d2l 0.786788989
## 17889	5men	5d2l 0.859748448
## 17890	5nht	5d2l 1.226622423
## 17891	5nme	5d2l 0.677385373
## 17892	5nmf	5d2l 0.868512081
## 17893	5nmg	5d2l 0.704297212
## 17894	5nqk	5d2l 1.229572201
## 17895	5tez	5d2l 2.314847962
## 17896	5w1v	5d2l 1.539079530
## 17897	5w1w	5d2l 1.463395935
## 17898	5wkf	5d2l 0.801983701
## 17899	5wkh	5d2l 0.677873516
## 17900	5xot	5d2l 1.037889456
## 17901	5xov	5d2l 0.722013404

## 17902	5yxn	5d2l 0.982944151
## 17903	5yxu	5d2l 0.825127608
## 17904	6am5	5d2l 1.097143767
## 17905	6amu	5d2l 1.030448577
## 17906	6avf	5d2l 1.532063716
## 17907	6avg	5d2l 0.890960359
## 17908	6bj2	5d2l 1.265775158
## 17909	6bj3	5d2l 1.004736053
## 17910	6bj8	5d2l 1.004968182
## 17911	6cql	5d2l 0.965887550
## 17912	6cqn	5d2l 1.515582250
## 17913	6cqq	5d2l 1.250567345
## 17914	6cqr	5d2l 0.803589794
## 17915	6d78	5d2l 1.096547088
## 17916	6dfx	5d2l 1.571905420
## 17917	6dkp	5d2l 1.089654263
## 17918	6dxl	5d2l 1.466766188
## 17919	6eqa	5d2l 1.035842816
## 17920	6eqb	5d2l 1.037313489
## 17921	6mtm	5d2l 0.973413256
## 17922	6p64	5d2l 1.418448610
## 17923	6px6	5d2l 0.923932186
## 17924	6py2	5d2l 0.931382587
## 17925	6q3s	5d2l 0.953590248
## 17926	6r2l	5d2l 0.953425220
## 17927	6rp9	5d2l 0.649843314
## 17928	6rpa	5d2l 1.052848621
## 17929	6rpb	5d2l 0.635497584
## 17930	6rsy	5d2l 0.817318807
## 17931	6tmo	5d2l 1.037875832
## 17932	6tro	5d2l 0.984971744
## 17933	6u3n	5d2l 0.952769311
## 17934	6u3o	5d2l 1.384378260
## 17935	6uon	5d2l 0.747975137
## 17936	6vm7	5d2l 1.008848771
## 17937	6vm8	5d2l 1.050288778
## 17938	6vma	5d2l 0.943220890
## 17939	6vmc	5d2l 0.980328607
## 17940	6vmx	5d2l 0.965441021
## 17941	6vqo	5d2l 0.698246964
## 17942	6vrm	5d2l 1.412252953
## 17943	6vrn	5d2l 0.975896114
## 17944	7n1e	5d2l 1.015812560
## 17945	7n1f	5d2l 0.940069323
## 17946	7n6e	5d2l 0.792042116
## 17947	6xc9	5d2l 0.936730963
## 17948	6xco	5d2l 0.982222444
## 17949	6xcp	5d2l 1.761915339
## 17950	6zkw	5d2l 1.102359064
## 17951	6zkk	5d2l 1.031558767
## 17952	6zky	5d2l 1.102227874
## 17953	6zkz	5d2l 1.049116422
## 17954	7dzm	5d2l 0.969179590
## 17955	7dzn	5d2l 0.957950654

## 17956	7rm4	5d2l 0.733028571
## 17957	7rtr	5d2l 1.021462474
## 17958	7l1d	5d2l 1.013739032
## 17959	7sg0	5d2l 1.158507234
## 17960	7sg1	5d2l 0.914323427
## 17961	7sg2	5d2l 0.916893888
## 17962	7rrg	5d2l 0.998782135
## 17963	7n2s	5d2l 1.014626394
## 17964	7n2n	5d2l 1.014202677
## 17965	7n2o	5d2l 1.087111758
## 17966	7n2r	5d2l 1.095773882
## 17967	7n2p	5d2l 1.159516524
## 17968	7n2q	5d2l 0.899161388
## 17969	8cx4	5d2l 1.028612376
## 17970	8VCX	5d2l 1.400457718
## 17971	8VCY	5d2l 1.043845604
## 17972	8VD0	5d2l 0.694257040
## 17973	8VD2	5d2l 0.927617590
## 17974	6XCP	5d2l 1.761879679
## 17975	6XC0	5d2l 0.981958382
## 17976	6XC9	5d2l 0.936636900
## 17977	1ao7	5d2n 0.982360749
## 17978	1bd2	5d2n 0.789126707
## 17979	1fyt	5d2n 0.862723292
## 17980	1j8h	5d2n 0.976423835
## 17981	1mi5	5d2n 0.940004299
## 17982	1oga	5d2n 0.755372604
## 17983	1qrn	5d2n 0.992864135
## 17984	1qse	5d2n 0.821116091
## 17985	1qsf	5d2n 0.986990088
## 17986	1zgl	5d2n 0.716116349
## 17987	2ak4	5d2n 0.661739052
## 17988	2bnq	5d2n 0.536889941
## 17989	2bnr	5d2n 0.491317259
## 17990	2esv	5d2n 0.989053377
## 17991	2f53	5d2n 0.585474205
## 17992	2f54	5d2n 0.899217107
## 17993	2gj6	5d2n 0.914613759
## 17994	2iam	5d2n 2.544372194
## 17995	2ian	5d2n 0.671913462
## 17996	2nx5	5d2n 0.551015366
## 17997	2p5e	5d2n 0.584071103
## 17998	2p5w	5d2n 0.584982582
## 17999	2pye	5d2n 0.617692262
## 18000	2vlj	5d2n 0.695825874
## 18001	2vlk	5d2n 1.485848891
## 18002	2vlr	5d2n 0.679837027
## 18003	2xn9	5d2n 0.634031287
## 18004	2ypl	5d2n 0.506766227
## 18005	3d39	5d2n 0.729406336
## 18006	3d3v	5d2n 0.710113485
## 18007	3dxa	5d2n 0.807152932
## 18008	3ffc	5d2n 1.014215752
## 18009	3gsn	5d2n 0.637442026

## 18010	3h9s	5d2n 0.729629333
## 18011	3hg1	5d2n 0.667838756
## 18012	3kpr	5d2n 0.463366322
## 18013	3kps	5d2n 0.607844505
## 18014	3kxf	5d2n 0.628510756
## 18015	3mv7	5d2n 0.718823464
## 18016	3mv8	5d2n 0.856502691
## 18017	3mv9	5d2n 0.826877306
## 18018	3o4l	5d2n 0.907447551
## 18019	3pwp	5d2n 0.729848364
## 18020	3qdg	5d2n 0.753160882
## 18021	3qdj	5d2n 0.753119036
## 18022	3qdm	5d2n 1.164837566
## 18023	3qeq	5d2n 0.668247339
## 18024	3qfj	5d2n 0.635805785
## 18025	3sjv	5d2n 0.655228003
## 18026	3uts	5d2n 0.793997049
## 18027	3utt	5d2n 0.682341408
## 18028	3vxm	5d2n 0.581770680
## 18029	3vxr	5d2n 0.899138318
## 18030	3vxs	5d2n 0.556810992
## 18031	4c56	5d2n 0.508099607
## 18032	4e41	5d2n 2.961609864
## 18033	4eup	5d2n 0.500546694
## 18034	4ftv	5d2n 0.714805018
## 18035	4g8g	5d2n 1.045434111
## 18036	4g9f	5d2n 0.649378447
## 18037	4gg6	5d2n 1.029564155
## 18038	4jfd	5d2n 0.670831939
## 18039	4jfe	5d2n 0.669224966
## 18040	4jff	5d2n 0.670201946
## 18041	4jrx	5d2n 0.636279120
## 18042	4jry	5d2n 0.653399667
## 18043	4l3e	5d2n 0.620505207
## 18044	4mji	5d2n 1.416558715
## 18045	4mnq	5d2n 0.852715125
## 18046	4ozf	5d2n 0.856777592
## 18047	4ozg	5d2n 2.257649868
## 18048	4ozh	5d2n 1.481043684
## 18049	4ozi	5d2n 2.280612560
## 18050	4prh	5d2n 0.816721863
## 18051	4pri	5d2n 0.958248936
## 18052	4prp	5d2n 0.801612653
## 18053	4qok	5d2n 0.892660249
## 18054	4qrp	5d2n 0.583277003
## 18055	4y19	5d2n 0.986807890
## 18056	4y1a	5d2n 0.745894243
## 18057	4z7u	5d2n 1.167960944
## 18058	4z7v	5d2n 1.036908981
## 18059	4z7w	5d2n 0.601212286
## 18060	5d2l	5d2n 0.813767763
## 18061	5d2n	5d2n 0.000000000
## 18062	1lp9	5d2n 0.658462633
## 18063	1ymm	5d2n 1.031732923

## 18064	2j8u	5d2n 0.657849938
## 18065	2jcc	5d2n 0.658403527
## 18066	2uwe	5d2n 0.657559618
## 18067	2wbj	5d2n 0.798514424
## 18068	3gjf	5d2n 0.640991710
## 18069	3hae	5d2n 0.738180766
## 18070	3nfj	5d2n 0.660299347
## 18071	3o6f	5d2n 0.545856231
## 18072	3pl6	5d2n 1.035019380
## 18073	3t0e	5d2n 0.901763751
## 18074	4euq	5d2n 0.966032621
## 18075	4grl	5d2n 0.676755490
## 18076	4h1l	5d2n 1.057738441
## 18077	4may	5d2n 0.932975021
## 18078	4p4k	5d2n 0.635142405
## 18079	4qrr	5d2n 0.931365389
## 18080	4wuu	5d2n 0.540463896
## 18081	4zez	5d2n 1.025351246
## 18082	5brz	5d2n 1.524583451
## 18083	5bs0	5d2n 2.052186047
## 18084	5c07	5d2n 0.804129927
## 18085	5c08	5d2n 0.499108869
## 18086	5c09	5d2n 0.686589696
## 18087	5c0a	5d2n 1.031789405
## 18088	5c0b	5d2n 0.973793768
## 18089	5c0c	5d2n 0.831571219
## 18090	5e6i	5d2n 0.848234500
## 18091	5e9d	5d2n 0.462079504
## 18092	5eu6	5d2n 0.956143165
## 18093	5euo	5d2n 5.037734521
## 18094	5hhm	5d2n 0.988599730
## 18095	5hho	5d2n 0.726525653
## 18096	5hyj	5d2n 0.723201587
## 18097	5isz	5d2n 0.633025688
## 18098	5jhd	5d2n 0.963779380
## 18099	5jzi	5d2n 1.024886537
## 18100	5ks9	5d2n 1.049849129
## 18101	5ksa	5d2n 0.710341095
## 18102	5ksb	5d2n 0.651913014
## 18103	5men	5d2n 0.851196913
## 18104	5nht	5d2n 0.536812566
## 18105	5nme	5d2n 0.915704026
## 18106	5nmf	5d2n 0.680155473
## 18107	5nmg	5d2n 0.685060971
## 18108	5nqk	5d2n 0.537717334
## 18109	5tez	5d2n 2.245804963
## 18110	5w1v	5d2n 2.215376615
## 18111	5w1w	5d2n 2.392929030
## 18112	5wkf	5d2n 0.644376637
## 18113	5wkh	5d2n 0.657835707
## 18114	5xot	5d2n 0.864328194
## 18115	5xov	5d2n 0.660299347
## 18116	5yxn	5d2n 0.818622066
## 18117	5yxu	5d2n 0.529244880

## 18118	6am5	5d2n 0.627938565
## 18119	6amu	5d2n 0.721788326
## 18120	6avf	5d2n 1.305198203
## 18121	6avg	5d2n 0.689397329
## 18122	6bj2	5d2n 1.138827395
## 18123	6bj3	5d2n 1.031566601
## 18124	6bj8	5d2n 1.034137937
## 18125	6cql	5d2n 0.977205253
## 18126	6cqn	5d2n 2.288064947
## 18127	6cqq	5d2n 1.094828892
## 18128	6cqr	5d2n 0.730904561
## 18129	6d78	5d2n 0.634747182
## 18130	6dfx	5d2n 2.192938428
## 18131	6dkp	5d2n 0.628338041
## 18132	6dxf	5d2n 1.281722924
## 18133	6eqa	5d2n 0.671869806
## 18134	6eqb	5d2n 0.668386558
## 18135	6mtm	5d2n 0.731189819
## 18136	6p64	5d2n 2.003482868
## 18137	6px6	5d2n 0.744791824
## 18138	6py2	5d2n 0.884034224
## 18139	6q3s	5d2n 0.806277411
## 18140	6r2l	5d2n 0.888469387
## 18141	6rp9	5d2n 0.804607212
## 18142	6rpa	5d2n 0.654204832
## 18143	6rpb	5d2n 0.726120693
## 18144	6rsy	5d2n 0.506118049
## 18145	6tmo	5d2n 0.742862176
## 18146	6tro	5d2n 1.011547804
## 18147	6u3n	5d2n 0.809768142
## 18148	6u3o	5d2n 1.290764310
## 18149	6uon	5d2n 0.748296261
## 18150	6vm7	5d2n 0.687453886
## 18151	6vm8	5d2n 0.716614570
## 18152	6vma	5d2n 0.702531589
## 18153	6vmc	5d2n 1.086777653
## 18154	6vmx	5d2n 0.753282037
## 18155	6vqo	5d2n 0.598392785
## 18156	6vrm	5d2n 1.183428092
## 18157	6vrn	5d2n 0.803463603
## 18158	7n1e	5d2n 0.755798200
## 18159	7n1f	5d2n 0.760866008
## 18160	7n6e	5d2n 0.586077929
## 18161	6xc9	5d2n 0.650508118
## 18162	6xco	5d2n 1.011965556
## 18163	6xcp	5d2n 2.313531914
## 18164	6zkw	5d2n 0.636607959
## 18165	6zqx	5d2n 0.681371728
## 18166	6zky	5d2n 0.638415295
## 18167	6zkz	5d2n 0.629856695
## 18168	7dzm	5d2n 1.258062037
## 18169	7dzn	5d2n 0.788541046
## 18170	7rm4	5d2n 0.790423745
## 18171	7rtr	5d2n 0.643581895

## 18172	7l1d	5d2n 0.821309687
## 18173	7sg0	5d2n 0.839344150
## 18174	7sg1	5d2n 0.865792796
## 18175	7sg2	5d2n 0.850241670
## 18176	7rrg	5d2n 0.576116855
## 18177	7n2s	5d2n 0.629681676
## 18178	7n2n	5d2n 0.609193467
## 18179	7n2o	5d2n 0.610688028
## 18180	7n2r	5d2n 0.642824522
## 18181	7n2p	5d2n 0.685476202
## 18182	7n2q	5d2n 0.604928172
## 18183	8cx4	5d2n 0.634663259
## 18184	8VCX	5d2n 2.017694480
## 18185	8VCY	5d2n 0.682606898
## 18186	8VD0	5d2n 0.696067317
## 18187	8VD2	5d2n 0.786916569
## 18188	6XCP	5d2n 2.313670881
## 18189	6XC0	5d2n 1.011857609
## 18190	6XC9	5d2n 0.649706750
## 18191	1ao7	11p9 0.777933745
## 18192	1bd2	11p9 0.535888585
## 18193	1fyt	11p9 0.610852326
## 18194	1j8h	11p9 0.903717705
## 18195	1mi5	11p9 0.768770252
## 18196	1oga	11p9 0.768440647
## 18197	1qrn	11p9 0.739344191
## 18198	1qse	11p9 1.010480888
## 18199	1qsf	11p9 0.737587322
## 18200	1zgl	11p9 0.836803597
## 18201	2ak4	11p9 0.607798670
## 18202	2bnq	11p9 0.894636076
## 18203	2bnr	11p9 0.913319769
## 18204	2esv	11p9 0.745285132
## 18205	2f53	11p9 0.557777022
## 18206	2f54	11p9 0.917680214
## 18207	2gj6	11p9 0.897944493
## 18208	2iam	11p9 2.061949737
## 18209	2ian	11p9 0.675520330
## 18210	2nx5	11p9 0.528865817
## 18211	2p5e	11p9 0.555783517
## 18212	2p5w	11p9 0.556680742
## 18213	2pye	11p9 0.656909289
## 18214	2vlj	11p9 0.950166363
## 18215	2vlk	11p9 1.146535343
## 18216	2vlr	11p9 0.588342230
## 18217	2xn9	11p9 0.741161679
## 18218	2yp1	11p9 1.022575449
## 18219	3d39	11p9 0.756873082
## 18220	3d3v	11p9 0.764449756
## 18221	3dxa	11p9 0.782756116
## 18222	3ffc	11p9 0.873516829
## 18223	3gsn	11p9 0.793806562
## 18224	3h9s	11p9 0.756112140
## 18225	3hg1	11p9 0.775661189

## 18226	3kpr	1lp9 0.640111286
## 18227	3kps	1lp9 0.734663665
## 18228	3kxf	1lp9 0.618188109
## 18229	3mv7	1lp9 0.897974974
## 18230	3mv8	1lp9 0.669230435
## 18231	3mv9	1lp9 0.924294684
## 18232	3o4l	1lp9 0.585535918
## 18233	3pwp	1lp9 0.757555907
## 18234	3qdg	1lp9 1.021327497
## 18235	3qdj	1lp9 1.021030523
## 18236	3qdm	1lp9 1.490859191
## 18237	3qeq	1lp9 0.822786068
## 18238	3qfj	1lp9 0.835321175
## 18239	3sjv	1lp9 0.687966359
## 18240	3uts	1lp9 0.634518763
## 18241	3utt	1lp9 0.687892975
## 18242	3vxm	1lp9 0.601265821
## 18243	3vxr	1lp9 0.872079568
## 18244	3vxs	1lp9 0.793208282
## 18245	4c56	1lp9 0.633045125
## 18246	4e41	1lp9 2.865531004
## 18247	4eup	1lp9 0.676431321
## 18248	4ftv	1lp9 0.663912408
## 18249	4g8g	1lp9 0.939135584
## 18250	4g9f	1lp9 0.762045500
## 18251	4gg6	1lp9 0.818641022
## 18252	4jfd	1lp9 0.777857405
## 18253	4jfe	1lp9 0.778792488
## 18254	4jff	1lp9 0.778036688
## 18255	4jrx	1lp9 0.594505734
## 18256	4jry	1lp9 0.989856080
## 18257	4l3e	1lp9 0.912320759
## 18258	4mji	1lp9 1.338889264
## 18259	4mnq	1lp9 0.666553787
## 18260	4ozf	1lp9 1.028458646
## 18261	4ozg	1lp9 2.310532174
## 18262	4ozh	1lp9 1.674706057
## 18263	4ozi	1lp9 2.282623202
## 18264	4prh	1lp9 0.655962979
## 18265	4pri	1lp9 0.556603794
## 18266	4prp	1lp9 0.626846169
## 18267	4qok	1lp9 0.704257073
## 18268	4qrp	1lp9 0.747849293
## 18269	4y19	1lp9 1.176973658
## 18270	4y1a	1lp9 0.776951553
## 18271	4z7u	1lp9 1.158947079
## 18272	4z7v	1lp9 0.883024596
## 18273	4z7w	1lp9 0.549989292
## 18274	5d2l	1lp9 0.644230240
## 18275	5d2n	1lp9 0.658462633
## 18276	1lp9	1lp9 0.000000000
## 18277	1ymm	1lp9 0.977604266
## 18278	2j8u	1lp9 0.005578443
## 18279	2jcc	1lp9 0.006299730

## 18280	2uwe	1lp9 0.004850933
## 18281	2wbj	1lp9 0.707103978
## 18282	3gjf	1lp9 0.675540083
## 18283	3hae	1lp9 0.785785882
## 18284	3nfj	1lp9 0.593085115
## 18285	3o6f	1lp9 0.616660019
## 18286	3pl6	1lp9 0.788628116
## 18287	3t0e	1lp9 0.722945131
## 18288	4euq	1lp9 0.882916788
## 18289	4grl	1lp9 0.719544385
## 18290	4h1l	1lp9 0.877495110
## 18291	4may	1lp9 0.629417203
## 18292	4p4k	1lp9 0.628672913
## 18293	4qrr	1lp9 0.697412252
## 18294	4wuu	1lp9 0.970247564
## 18295	4zez	1lp9 0.885629319
## 18296	5brz	1lp9 1.577695001
## 18297	5bs0	1lp9 2.252363402
## 18298	5c07	1lp9 0.717669348
## 18299	5c08	1lp9 0.819439372
## 18300	5c09	1lp9 0.690679504
## 18301	5c0a	1lp9 1.022423156
## 18302	5c0b	1lp9 0.696956354
## 18303	5c0c	1lp9 1.062689267
## 18304	5e6i	1lp9 0.847573090
## 18305	5e9d	1lp9 0.715725519
## 18306	5eu6	1lp9 0.700933486
## 18307	5euo	1lp9 5.097787782
## 18308	5hbm	1lp9 0.725133903
## 18309	5hho	1lp9 0.788423520
## 18310	5hyj	1lp9 0.734981951
## 18311	5isz	1lp9 1.074806601
## 18312	5jhd	1lp9 0.731635465
## 18313	5jzi	1lp9 0.885141003
## 18314	5ks9	1lp9 0.861642940
## 18315	5ksa	1lp9 0.860789426
## 18316	5ksb	1lp9 0.595550347
## 18317	5men	1lp9 0.666826772
## 18318	5nht	1lp9 1.011988159
## 18319	5nme	1lp9 0.760471529
## 18320	5nmf	1lp9 0.670486834
## 18321	5nmg	1lp9 0.611297788
## 18322	5nqk	1lp9 1.019246018
## 18323	5tez	1lp9 2.581872321
## 18324	5w1v	1lp9 2.184202403
## 18325	5w1w	1lp9 2.296852607
## 18326	5wkf	1lp9 0.766637576
## 18327	5wkh	1lp9 0.503778070
## 18328	5xot	1lp9 0.807816151
## 18329	5xov	1lp9 0.593085115
## 18330	5yxn	1lp9 0.826756431
## 18331	5yxu	1lp9 0.798569526
## 18332	6am5	1lp9 0.919056379
## 18333	6amu	1lp9 0.771457481

## 18334	6avf	1lp9 1.504273445
## 18335	6avg	1lp9 0.871498834
## 18336	6bj2	1lp9 1.362410595
## 18337	6bj3	1lp9 0.737508827
## 18338	6bj8	1lp9 0.736171873
## 18339	6cql	1lp9 0.775493648
## 18340	6cqn	1lp9 1.804796114
## 18341	6cqq	1lp9 1.370802882
## 18342	6cqr	1lp9 0.587401031
## 18343	6d78	1lp9 0.912530867
## 18344	6dfx	1lp9 2.189903133
## 18345	6dkp	1lp9 0.902272312
## 18346	6dxfl	1lp9 1.484126990
## 18347	6eqa	1lp9 0.778162869
## 18348	6eqb	1lp9 0.778102420
## 18349	6mtm	1lp9 0.755451682
## 18350	6p64	1lp9 1.907713487
## 18351	6px6	1lp9 0.567673427
## 18352	6py2	1lp9 0.562434925
## 18353	6q3s	1lp9 0.844317864
## 18354	6r2l	1lp9 0.591924643
## 18355	6rp9	1lp9 0.678785327
## 18356	6rpa	1lp9 0.780425639
## 18357	6rpb	1lp9 0.703470682
## 18358	6rsy	1lp9 0.716814070
## 18359	6tmo	1lp9 0.643470696
## 18360	6tro	1lp9 0.970058488
## 18361	6u3n	1lp9 0.593640038
## 18362	6u3o	1lp9 1.455766737
## 18363	6uon	1lp9 0.772201373
## 18364	6vm7	1lp9 0.783989757
## 18365	6vm8	1lp9 0.750504400
## 18366	6vma	1lp9 0.771736923
## 18367	6vmc	1lp9 0.930410673
## 18368	6vmx	1lp9 0.883648636
## 18369	6vqo	1lp9 0.668605805
## 18370	6vrm	1lp9 1.207612062
## 18371	6vrn	1lp9 0.814171843
## 18372	7n1e	1lp9 0.553320305
## 18373	7n1f	1lp9 0.595760103
## 18374	7n6e	1lp9 0.555143897
## 18375	6xc9	1lp9 0.832442105
## 18376	6xco	1lp9 0.711177013
## 18377	6xcp	1lp9 1.976922904
## 18378	6zkw	1lp9 0.826470931
## 18379	6zkk	1lp9 0.846076158
## 18380	6zky	1lp9 0.826230643
## 18381	6zkz	1lp9 0.841618159
## 18382	7dzm	1lp9 0.922080950
## 18383	7dzn	1lp9 0.792371419
## 18384	7rm4	1lp9 0.874999462
## 18385	7rtr	1lp9 0.676678936
## 18386	7l1d	1lp9 0.951917942
## 18387	7sg0	1lp9 1.166601481

## 18388	7sg1	1lp9 0.822122949
## 18389	7sg2	1lp9 0.818972868
## 18390	7rrg	1lp9 0.716505925
## 18391	7n2s	1lp9 0.751964087
## 18392	7n2n	1lp9 0.762605388
## 18393	7n2o	1lp9 0.739679189
## 18394	7n2r	1lp9 0.763839092
## 18395	7n2p	1lp9 0.907914374
## 18396	7n2q	1lp9 0.762393821
## 18397	8cx4	1lp9 0.621316135
## 18398	8VCX	1lp9 1.764907409
## 18399	8VCY	1lp9 0.722647199
## 18400	8VD0	1lp9 0.505728088
## 18401	8VD2	1lp9 0.754686044
## 18402	6XCP	1lp9 1.976560424
## 18403	6XC0	1lp9 0.712061730
## 18404	6XC9	1lp9 0.832252926
## 18405	1ao7	1ymm 1.799516521
## 18406	1bd2	1ymm 1.211587966
## 18407	1fyt	1ymm 1.522949967
## 18408	1j8h	1ymm 1.783672826
## 18409	1mi5	1ymm 1.139473378
## 18410	1oga	1ymm 1.225236309
## 18411	1qrn	1ymm 1.785305342
## 18412	1qse	1ymm 1.927994802
## 18413	1qsf	1ymm 1.777374253
## 18414	1zgl	1ymm 1.213215904
## 18415	2ak4	1ymm 0.870096723
## 18416	2bnq	1ymm 1.376341743
## 18417	2bnr	1ymm 1.158583197
## 18418	2esv	1ymm 1.665643325
## 18419	2f53	1ymm 1.299226331
## 18420	2f54	1ymm 1.750807340
## 18421	2gj6	1ymm 1.690263179
## 18422	2iam	1ymm 3.410054452
## 18423	2ian	1ymm 0.919819122
## 18424	2nx5	1ymm 0.967938612
## 18425	2p5e	1ymm 1.290702342
## 18426	2p5w	1ymm 1.294751526
## 18427	2pye	1ymm 1.143744658
## 18428	2vlj	1ymm 1.670574984
## 18429	2vlk	1ymm 2.425999323
## 18430	2vlr	1ymm 1.234883395
## 18431	2xn9	1ymm 1.103652458
## 18432	2ypl	1ymm 1.321936169
## 18433	3d39	1ymm 1.104127539
## 18434	3d3v	1ymm 1.291838489
## 18435	3dxa	1ymm 1.183983145
## 18436	3ffc	1ymm 1.031761408
## 18437	3gsn	1ymm 1.237692550
## 18438	3h9s	1ymm 1.102368190
## 18439	3hg1	1ymm 1.412367137
## 18440	3kpr	1ymm 0.967384709
## 18441	3kps	1ymm 1.166691818

## 18442	3kxf	1ymm 0.952882448
## 18443	3mv7	1ymm 1.274869476
## 18444	3mv8	1ymm 1.059464400
## 18445	3mv9	1ymm 1.582642892
## 18446	3o4l	1ymm 1.323283447
## 18447	3pwp	1ymm 1.104214774
## 18448	3qdg	1ymm 1.944928443
## 18449	3qdj	1ymm 1.945663461
## 18450	3qdm	1ymm 2.561901545
## 18451	3qeq	1ymm 1.308971326
## 18452	3qfj	1ymm 1.395511752
## 18453	3sjv	1ymm 1.215137849
## 18454	3uts	1ymm 1.458982883
## 18455	3utt	1ymm 0.848360554
## 18456	3vxm	1ymm 1.260914025
## 18457	3vxr	1ymm 0.811000482
## 18458	3vxs	1ymm 1.220129714
## 18459	4c56	1ymm 0.748955878
## 18460	4e41	1ymm 4.844280327
## 18461	4eup	1ymm 1.072632497
## 18462	4ftv	1ymm 0.931739237
## 18463	4g8g	1ymm 1.030001024
## 18464	4g9f	1ymm 0.969123985
## 18465	4gg6	1ymm 0.951964116
## 18466	4jfd	1ymm 1.420736158
## 18467	4jfe	1ymm 1.416997728
## 18468	4jff	1ymm 1.414732832
## 18469	4jrx	1ymm 1.249381042
## 18470	4jry	1ymm 1.238200867
## 18471	4l3e	1ymm 0.867212983
## 18472	4mji	1ymm 1.900063453
## 18473	4mnq	1ymm 1.277589068
## 18474	4ozf	1ymm 1.456519588
## 18475	4ozg	1ymm 4.012358432
## 18476	4ozh	1ymm 2.663034691
## 18477	4ozi	1ymm 3.905998738
## 18478	4prh	1ymm 0.909680142
## 18479	4pri	1ymm 1.082841913
## 18480	4prp	1ymm 0.898989273
## 18481	4qok	1ymm 1.384973131
## 18482	4qrp	1ymm 1.045206606
## 18483	4y19	1ymm 1.210973404
## 18484	4y1a	1ymm 0.966189818
## 18485	4z7u	1ymm 1.983573836
## 18486	4z7v	1ymm 1.359847155
## 18487	4z7w	1ymm 1.026648887
## 18488	5d2l	1ymm 1.116121657
## 18489	5d2n	1ymm 1.031732923
## 18490	1lp9	1ymm 0.977604266
## 18491	1ymm	1ymm 0.000000000
## 18492	2j8u	1ymm 0.979931263
## 18493	2jcc	1ymm 0.981097382
## 18494	2uwe	1ymm 0.978879546
## 18495	2wbj	1ymm 1.186397724

## 18496	3gjf	1ymm 1.055380058
## 18497	3hae	1ymm 1.305176361
## 18498	3nfj	1ymm 1.050768451
## 18499	3o6f	1ymm 1.127345104
## 18500	3pl6	1ymm 1.058402695
## 18501	3t0e	1ymm 0.893791596
## 18502	4euq	1ymm 0.847591317
## 18503	4grl	1ymm 1.067069884
## 18504	4h1l	1ymm 1.215842428
## 18505	4may	1ymm 0.999264937
## 18506	4p4k	1ymm 0.944255821
## 18507	4qrr	1ymm 0.926798678
## 18508	4wuu	1ymm 1.224812722
## 18509	4zez	1ymm 1.197682263
## 18510	5brz	1ymm 3.165347089
## 18511	5bs0	1ymm 4.042840312
## 18512	5c07	1ymm 1.285408007
## 18513	5c08	1ymm 1.250347808
## 18514	5c09	1ymm 0.859771766
## 18515	5c0a	1ymm 1.670229430
## 18516	5c0b	1ymm 1.060762196
## 18517	5c0c	1ymm 1.689041557
## 18518	5e6i	1ymm 1.446964794
## 18519	5e9d	1ymm 1.258917835
## 18520	5eu6	1ymm 0.935341272
## 18521	5euo	1ymm 8.155264266
## 18522	5hhm	1ymm 1.605365437
## 18523	5hho	1ymm 0.929655499
## 18524	5hyj	1ymm 1.305272316
## 18525	5isz	1ymm 1.709962285
## 18526	5jhd	1ymm 1.407857524
## 18527	5jzi	1ymm 1.196714092
## 18528	5ks9	1ymm 1.268172526
## 18529	5ksa	1ymm 0.836408780
## 18530	5ksb	1ymm 0.860263365
## 18531	5men	1ymm 1.277310071
## 18532	5nht	1ymm 1.235348100
## 18533	5nme	1ymm 1.516902860
## 18534	5nmf	1ymm 1.393851306
## 18535	5nmg	1ymm 0.898786070
## 18536	5nqk	1ymm 1.238566385
## 18537	5tez	1ymm 4.396688443
## 18538	5w1v	1ymm 3.516718642
## 18539	5w1w	1ymm 3.635228216
## 18540	5wkf	1ymm 0.902968398
## 18541	5wkh	1ymm 0.847029662
## 18542	5xot	1ymm 0.956347762
## 18543	5xov	1ymm 1.050768451
## 18544	5yxn	1ymm 0.817723714
## 18545	5yxu	1ymm 1.262272674
## 18546	6am5	1ymm 0.874401488
## 18547	6amu	1ymm 0.720205793
## 18548	6avf	1ymm 1.841592955
## 18549	6avg	1ymm 0.969174274

## 18550	6bj2	1ymm 2.039714427
## 18551	6bj3	1ymm 1.004499909
## 18552	6bj8	1ymm 1.006957146
## 18553	6cql	1ymm 0.721374068
## 18554	6cqn	1ymm 2.968983718
## 18555	6cqq	1ymm 2.140243914
## 18556	6cqr	1ymm 0.980687495
## 18557	6d78	1ymm 0.861848317
## 18558	6dfx	1ymm 3.678949983
## 18559	6dkp	1ymm 0.852680592
## 18560	6dxl	1ymm 2.805678804
## 18561	6eqa	1ymm 1.417352086
## 18562	6eqb	1ymm 1.417281997
## 18563	6mtm	1ymm 0.778322330
## 18564	6p64	1ymm 3.348003129
## 18565	6px6	1ymm 1.129223257
## 18566	6py2	1ymm 1.331124836
## 18567	6q3s	1ymm 0.986196734
## 18568	6r2l	1ymm 1.268255224
## 18569	6rp9	1ymm 1.128327623
## 18570	6rpa	1ymm 1.062836431
## 18571	6rpb	1ymm 1.274075700
## 18572	6rsy	1ymm 1.120775366
## 18573	6tmo	1ymm 1.331935171
## 18574	6tro	1ymm 1.928945084
## 18575	6u3n	1ymm 1.003326315
## 18576	6u3o	1ymm 2.246611845
## 18577	6uon	1ymm 1.306452059
## 18578	6vm7	1ymm 0.850171229
## 18579	6vm8	1ymm 0.873739725
## 18580	6vma	1ymm 1.370752906
## 18581	6vmc	1ymm 1.668930170
## 18582	6vmx	1ymm 1.097592089
## 18583	6vqo	1ymm 1.099283380
## 18584	6vrm	1ymm 2.489381596
## 18585	6vrn	1ymm 0.732030776
## 18586	7n1e	1ymm 1.334097643
## 18587	7n1f	1ymm 1.200875745
## 18588	7n6e	1ymm 1.112368025
## 18589	6xc9	1ymm 1.309076604
## 18590	6xco	1ymm 0.925821888
## 18591	6xcp	1ymm 3.498662541
## 18592	6zkw	1ymm 1.119649052
## 18593	6zkk	1ymm 1.149049479
## 18594	6zky	1ymm 1.118566926
## 18595	6zkz	1ymm 1.082151602
## 18596	7dzm	1ymm 1.625997445
## 18597	7dzn	1ymm 1.250267411
## 18598	7rm4	1ymm 1.345241861
## 18599	7rtr	1ymm 1.432430756
## 18600	7l1d	1ymm 1.016546948
## 18601	7sg0	1ymm 1.943263408
## 18602	7sg1	1ymm 1.165215647
## 18603	7sg2	1ymm 1.156993585

## 18604	7rrg	1ymm 1.356073090
## 18605	7n2s	1ymm 1.202503948
## 18606	7n2n	1ymm 1.208476834
## 18607	7n2o	1ymm 1.386105558
## 18608	7n2r	1ymm 1.261033520
## 18609	7n2p	1ymm 1.071673088
## 18610	7n2q	1ymm 1.183586772
## 18611	8cx4	1ymm 1.246312803
## 18612	8VCX	1ymm 2.954212342
## 18613	8VCY	1ymm 1.083921900
## 18614	8VD0	1ymm 0.933202412
## 18615	8VD2	1ymm 1.390821158
## 18616	6XCP	1ymm 3.499484127
## 18617	6XC0	1ymm 0.924681952
## 18618	6XC9	1ymm 1.309327700
## 18619	1ao7	2j8u 0.778441306
## 18620	1bd2	2j8u 0.536399357
## 18621	1fyt	2j8u 0.611697752
## 18622	1j8h	2j8u 0.904842578
## 18623	1mi5	2j8u 0.770853985
## 18624	1oga	2j8u 0.768757334
## 18625	1qrn	2j8u 0.739718583
## 18626	1qse	2j8u 1.009803649
## 18627	1qsf	2j8u 0.737989470
## 18628	1zgl	2j8u 0.836886922
## 18629	2ak4	2j8u 0.608295777
## 18630	2bnq	2j8u 0.894491739
## 18631	2bnr	2j8u 0.913326191
## 18632	2esv	2j8u 0.745663580
## 18633	2f53	2j8u 0.557430893
## 18634	2f54	2j8u 0.916777394
## 18635	2gj6	2j8u 0.898538406
## 18636	2iam	2j8u 2.063730019
## 18637	2ian	2j8u 0.676587117
## 18638	2nx5	2j8u 0.528973610
## 18639	2p5e	2j8u 0.555445794
## 18640	2p5w	2j8u 0.556338823
## 18641	2pye	2j8u 0.656828855
## 18642	2vlj	2j8u 0.948723875
## 18643	2vlk	2j8u 1.147062741
## 18644	2vlr	2j8u 0.588258870
## 18645	2xn9	2j8u 0.741563303
## 18646	2yp1	2j8u 1.022494195
## 18647	3d39	2j8u 0.758338620
## 18648	3d3v	2j8u 0.764487614
## 18649	3dxa	2j8u 0.782610585
## 18650	3ffc	2j8u 0.874941902
## 18651	3gsn	2j8u 0.793984963
## 18652	3h9s	2j8u 0.757588220
## 18653	3hg1	2j8u 0.776243958
## 18654	3kpr	2j8u 0.640521296
## 18655	3kps	2j8u 0.734805760
## 18656	3kxf	2j8u 0.618546866
## 18657	3mv7	2j8u 0.897544472

## 18658	3mv8	2j8u 0.671770781
## 18659	3mv9	2j8u 0.923755941
## 18660	3o4l	2j8u 0.587622020
## 18661	3pwp	2j8u 0.759023062
## 18662	3qdg	2j8u 1.020149562
## 18663	3qdj	2j8u 1.019855281
## 18664	3qdm	2j8u 1.489236901
## 18665	3qeq	2j8u 0.822989757
## 18666	3qfj	2j8u 0.835402711
## 18667	3sjv	2j8u 0.687739103
## 18668	3uts	2j8u 0.634921526
## 18669	3utt	2j8u 0.688718266
## 18670	3vxm	2j8u 0.600436648
## 18671	3vxr	2j8u 0.874106669
## 18672	3vxs	2j8u 0.792551310
## 18673	4c56	2j8u 0.633850903
## 18674	4e4l	2j8u 2.866149377
## 18675	4eup	2j8u 0.676006079
## 18676	4ftv	2j8u 0.664813946
## 18677	4g8g	2j8u 0.940716727
## 18678	4g9f	2j8u 0.763531921
## 18679	4gg6	2j8u 0.820254363
## 18680	4jfd	2j8u 0.778396950
## 18681	4jfe	2j8u 0.779343056
## 18682	4jff	2j8u 0.778599888
## 18683	4jrx	2j8u 0.593999183
## 18684	4jry	2j8u 0.989655490
## 18685	4l3e	2j8u 0.913133733
## 18686	4mji	2j8u 1.340073758
## 18687	4mnq	2j8u 0.667459579
## 18688	4ozf	2j8u 1.028703691
## 18689	4ozg	2j8u 2.309590862
## 18690	4ozh	2j8u 1.673683594
## 18691	4ozi	2j8u 2.282187728
## 18692	4prh	2j8u 0.656716636
## 18693	4pri	2j8u 0.559575614
## 18694	4prp	2j8u 0.627429129
## 18695	4qok	2j8u 0.706323185
## 18696	4qrp	2j8u 0.747662283
## 18697	4y19	2j8u 1.177468189
## 18698	4y1a	2j8u 0.778139328
## 18699	4z7u	2j8u 1.158638900
## 18700	4z7v	2j8u 0.883521557
## 18701	4z7w	2j8u 0.550470352
## 18702	5d2l	2j8u 0.645249362
## 18703	5d2n	2j8u 0.657849938
## 18704	1lp9	2j8u 0.005578443
## 18705	1ymm	2j8u 0.979931263
## 18706	2j8u	2j8u 0.000000000
## 18707	2jcc	2j8u 0.006930592
## 18708	2uwe	2j8u 0.004995216
## 18709	2wbj	2j8u 0.708362342
## 18710	3gjf	2j8u 0.676158863
## 18711	3hae	2j8u 0.785698659

## 18712	3nfj	2j8u 0.593285718
## 18713	3o6f	2j8u 0.616952659
## 18714	3p16	2j8u 0.791275914
## 18715	3t0e	2j8u 0.724843808
## 18716	4euq	2j8u 0.884289223
## 18717	4grl	2j8u 0.720974231
## 18718	4h1l	2j8u 0.878183704
## 18719	4may	2j8u 0.631877886
## 18720	4p4k	2j8u 0.630434889
## 18721	4qrr	2j8u 0.700087740
## 18722	4wuu	2j8u 0.969812906
## 18723	4zez	2j8u 0.885427112
## 18724	5brz	2j8u 1.575489665
## 18725	5bs0	2j8u 2.249755226
## 18726	5c07	2j8u 0.718108817
## 18727	5c08	2j8u 0.818415328
## 18728	5c09	2j8u 0.691488527
## 18729	5c0a	2j8u 1.023052110
## 18730	5c0b	2j8u 0.699428927
## 18731	5c0c	2j8u 1.061724525
## 18732	5e6i	2j8u 0.848164496
## 18733	5e9d	2j8u 0.715085847
## 18734	5eu6	2j8u 0.703529268
## 18735	5euo	2j8u 5.096831849
## 18736	5hhm	2j8u 0.726279074
## 18737	5hho	2j8u 0.789318502
## 18738	5hyj	2j8u 0.735458376
## 18739	5isz	2j8u 1.074021234
## 18740	5jhd	2j8u 0.732420565
## 18741	5jzi	2j8u 0.884938383
## 18742	5ks9	2j8u 0.862878289
## 18743	5ksa	2j8u 0.862068389
## 18744	5ksb	2j8u 0.595840330
## 18745	5men	2j8u 0.667715102
## 18746	5nht	2j8u 1.011692209
## 18747	5nme	2j8u 0.761654501
## 18748	5nmf	2j8u 0.669805198
## 18749	5nmg	2j8u 0.612563411
## 18750	5nqk	2j8u 1.018948039
## 18751	5tez	2j8u 2.579140488
## 18752	5w1v	2j8u 2.184109205
## 18753	5w1w	2j8u 2.296914272
## 18754	5wkf	2j8u 0.766911458
## 18755	5wkh	2j8u 0.505788473
## 18756	5xot	2j8u 0.809393513
## 18757	5xov	2j8u 0.593285718
## 18758	5yxn	2j8u 0.828541964
## 18759	5yxu	2j8u 0.798242469
## 18760	6am5	2j8u 0.919853582
## 18761	6amu	2j8u 0.772894112
## 18762	6avf	2j8u 1.504493470
## 18763	6avg	2j8u 0.871657651
## 18764	6bj2	2j8u 1.362880381
## 18765	6bj3	2j8u 0.739943876

## 18766	6bj8	2j8u 0.738632187
## 18767	6cql	2j8u 0.778581312
## 18768	6cqn	2j8u 1.807182860
## 18769	6cqq	2j8u 1.370102978
## 18770	6cqr	2j8u 0.587243276
## 18771	6d78	2j8u 0.913413651
## 18772	6dfx	2j8u 2.189930360
## 18773	6dkp	2j8u 0.903139446
## 18774	6dxl	2j8u 1.482725151
## 18775	6eqa	2j8u 0.778752680
## 18776	6eqb	2j8u 0.778656398
## 18777	6mtm	2j8u 0.756899331
## 18778	6p64	2j8u 1.907398444
## 18779	6px6	2j8u 0.568156041
## 18780	6py2	2j8u 0.564763425
## 18781	6q3s	2j8u 0.846440038
## 18782	6r2l	2j8u 0.592222672
## 18783	6rp9	2j8u 0.680289799
## 18784	6rpa	2j8u 0.780254184
## 18785	6rpb	2j8u 0.703238311
## 18786	6rsy	2j8u 0.716938734
## 18787	6tmo	2j8u 0.642779734
## 18788	6tro	2j8u 0.970328430
## 18789	6u3n	2j8u 0.596047152
## 18790	6u3o	2j8u 1.454852872
## 18791	6uon	2j8u 0.772973987
## 18792	6vm7	2j8u 0.785150120
## 18793	6vm8	2j8u 0.751834401
## 18794	6vma	2j8u 0.771998225
## 18795	6vmc	2j8u 0.932316152
## 18796	6vmx	2j8u 0.883126018
## 18797	6vqo	2j8u 0.669199924
## 18798	6vrm	2j8u 1.205735505
## 18799	6vrn	2j8u 0.816121255
## 18800	7n1e	2j8u 0.553842896
## 18801	7n1f	2j8u 0.596184456
## 18802	7n6e	2j8u 0.554449965
## 18803	6xc9	2j8u 0.832002505
## 18804	6xco	2j8u 0.713722760
## 18805	6xcp	2j8u 1.977658657
## 18806	6zkw	2j8u 0.826991892
## 18807	6zku	2j8u 0.847550886
## 18808	6zky	2j8u 0.826760185
## 18809	6zkz	2j8u 0.841317422
## 18810	7dzm	2j8u 0.923896698
## 18811	7dzn	2j8u 0.793911975
## 18812	7rm4	2j8u 0.875153996
## 18813	7rtr	2j8u 0.675789996
## 18814	7l1d	2j8u 0.953321720
## 18815	7sg0	2j8u 1.165653228
## 18816	7sg1	2j8u 0.822242895
## 18817	7sg2	2j8u 0.819063241
## 18818	7rrg	2j8u 0.716403263
## 18819	7n2s	2j8u 0.752877840

## 18820	7n2n	2j8u 0.763463471
## 18821	7n2o	2j8u 0.738888862
## 18822	7n2r	2j8u 0.763452281
## 18823	7n2p	2j8u 0.908373881
## 18824	7n2q	2j8u 0.762305568
## 18825	8cx4	2j8u 0.620855732
## 18826	8VCX	2j8u 1.766591321
## 18827	8VCY	2j8u 0.724004057
## 18828	8VD0	2j8u 0.506698657
## 18829	8VD2	2j8u 0.754888827
## 18830	6XCP	2j8u 1.977301932
## 18831	6XC0	2j8u 0.714611278
## 18832	6XC9	2j8u 0.831799365
## 18833	1ao7	2jcc 0.777677662
## 18834	1bd2	2jcc 0.537753943
## 18835	1fyt	2jcc 0.612007977
## 18836	1j8h	2jcc 0.904151586
## 18837	1mi5	2jcc 0.771275335
## 18838	1oga	2jcc 0.770220567
## 18839	1qrn	2jcc 0.738725343
## 18840	1qse	2jcc 1.009507017
## 18841	1qsf	2jcc 0.736989901
## 18842	1zgl	2jcc 0.837100452
## 18843	2ak4	2jcc 0.608688458
## 18844	2bnq	2jcc 0.894957946
## 18845	2bnr	2jcc 0.914294455
## 18846	2esv	2jcc 0.745668709
## 18847	2f53	2jcc 0.557941495
## 18848	2f54	2jcc 0.916350286
## 18849	2gj6	2jcc 0.898087771
## 18850	2iam	2jcc 2.062918285
## 18851	2ian	2jcc 0.676383588
## 18852	2nx5	2jcc 0.528646044
## 18853	2p5e	2jcc 0.555958397
## 18854	2p5w	2jcc 0.556847602
## 18855	2pye	2jcc 0.657987897
## 18856	2vlj	2jcc 0.949948748
## 18857	2vlk	2jcc 1.146042638
## 18858	2vlr	2jcc 0.588177911
## 18859	2xn9	2jcc 0.742406360
## 18860	2yp1	2jcc 1.023386987
## 18861	3d39	2jcc 0.758680364
## 18862	3d3v	2jcc 0.765774771
## 18863	3dxa	2jcc 0.783309209
## 18864	3ffc	2jcc 0.875922250
## 18865	3gsn	2jcc 0.794906205
## 18866	3h9s	2jcc 0.757927998
## 18867	3hg1	2jcc 0.776128388
## 18868	3kpr	2jcc 0.640426278
## 18869	3kps	2jcc 0.735892566
## 18870	3kxf	2jcc 0.618877315
## 18871	3mv7	2jcc 0.899307489
## 18872	3mv8	2jcc 0.671615213
## 18873	3mv9	2jcc 0.924836750

## 18874	3o4l	2jcc 0.586798505
## 18875	3pwp	2jcc 0.759366093
## 18876	3qdg	2jcc 1.020031180
## 18877	3qdj	2jcc 1.019739797
## 18878	3qdm	2jcc 1.489390530
## 18879	3qeq	2jcc 0.823601911
## 18880	3qfj	2jcc 0.835744543
## 18881	3sjv	2jcc 0.687641425
## 18882	3uts	2jcc 0.633642368
## 18883	3utt	2jcc 0.689498263
## 18884	3vxm	2jcc 0.601688649
## 18885	3vxr	2jcc 0.875392579
## 18886	3vxs	2jcc 0.794099116
## 18887	4c56	2jcc 0.634025795
## 18888	4e41	2jcc 2.864724882
## 18889	4eup	2jcc 0.676736980
## 18890	4ftv	2jcc 0.666018274
## 18891	4g8g	2jcc 0.942399976
## 18892	4g9f	2jcc 0.763953054
## 18893	4gg6	2jcc 0.821128371
## 18894	4jfd	2jcc 0.778293597
## 18895	4jfe	2jcc 0.779232368
## 18896	4jff	2jcc 0.778484266
## 18897	4jrx	2jcc 0.595510487
## 18898	4jry	2jcc 0.991339029
## 18899	4l3e	2jcc 0.914419559
## 18900	4mji	2jcc 1.340989697
## 18901	4mnq	2jcc 0.668305069
## 18902	4ozf	2jcc 1.029460195
## 18903	4ozg	2jcc 2.308943296
## 18904	4ozh	2jcc 1.673650986
## 18905	4ozi	2jcc 2.281425213
## 18906	4prh	2jcc 0.658988574
## 18907	4pri	2jcc 0.559579390
## 18908	4prp	2jcc 0.629736386
## 18909	4qok	2jcc 0.705203337
## 18910	4qrp	2jcc 0.748619545
## 18911	4y19	2jcc 1.179307425
## 18912	4y1a	2jcc 0.778793541
## 18913	4z7u	2jcc 1.158499282
## 18914	4z7v	2jcc 0.883700808
## 18915	4z7w	2jcc 0.550728244
## 18916	5d2l	2jcc 0.644763323
## 18917	5d2n	2jcc 0.658403527
## 18918	1lp9	2jcc 0.006299730
## 18919	1ymm	2jcc 0.981097382
## 18920	2j8u	2jcc 0.006930592
## 18921	2jcc	2jcc 0.000000000
## 18922	2uwe	2jcc 0.005948000
## 18923	2wbj	2jcc 0.707639929
## 18924	3gjf	2jcc 0.676471145
## 18925	3hae	2jcc 0.785326859
## 18926	3nfj	2jcc 0.593472545
## 18927	3o6f	2jcc 0.617003418

## 18928	3p16	2jcc 0.791539563
## 18929	3t0e	2jcc 0.725487620
## 18930	4euq	2jcc 0.885329422
## 18931	4gr1	2jcc 0.721163535
## 18932	4h11	2jcc 0.878991762
## 18933	4may	2jcc 0.632569903
## 18934	4p4k	2jcc 0.629673186
## 18935	4qrr	2jcc 0.700742084
## 18936	4wuu	2jcc 0.971073271
## 18937	4zez	2jcc 0.887008881
## 18938	5brz	2jcc 1.574999242
## 18939	5bs0	2jcc 2.249663760
## 18940	5c07	2jcc 0.717061753
## 18941	5c08	2jcc 0.819285014
## 18942	5c09	2jcc 0.692267861
## 18943	5c0a	2jcc 1.021757007
## 18944	5c0b	2jcc 0.698885670
## 18945	5c0c	2jcc 1.061720723
## 18946	5e6i	2jcc 0.847278400
## 18947	5e9d	2jcc 0.715712823
## 18948	5eu6	2jcc 0.704063617
## 18949	5euo	2jcc 5.095988095
## 18950	5hhm	2jcc 0.724071906
## 18951	5hho	2jcc 0.790273843
## 18952	5hyj	2jcc 0.734161205
## 18953	5isz	2jcc 1.074525025
## 18954	5jhd	2jcc 0.732433159
## 18955	5jzi	2jcc 0.886522318
## 18956	5ks9	2jcc 0.863126600
## 18957	5ksa	2jcc 0.863135051
## 18958	5ksb	2jcc 0.596848613
## 18959	5men	2jcc 0.668577070
## 18960	5nht	2jcc 1.012949859
## 18961	5nme	2jcc 0.760245070
## 18962	5nmf	2jcc 0.669782184
## 18963	5nmg	2jcc 0.612735012
## 18964	5nqk	2jcc 1.020207042
## 18965	5tez	2jcc 2.579194487
## 18966	5w1v	2jcc 2.183438778
## 18967	5w1w	2jcc 2.296719396
## 18968	5wkf	2jcc 0.767904243
## 18969	5wkh	2jcc 0.505193136
## 18970	5xot	2jcc 0.810616878
## 18971	5xov	2jcc 0.593472545
## 18972	5yxn	2jcc 0.829510146
## 18973	5yxu	2jcc 0.798396191
## 18974	6am5	2jcc 0.921164677
## 18975	6amu	2jcc 0.774163747
## 18976	6avf	2jcc 1.505698821
## 18977	6avg	2jcc 0.872599743
## 18978	6bj2	2jcc 1.362342347
## 18979	6bj3	2jcc 0.740892288
## 18980	6bj8	2jcc 0.739562103
## 18981	6cql	2jcc 0.778872085

## 18982	6cqn	2jcc 1.806122863
## 18983	6cqq	2jcc 1.369854654
## 18984	6cqr	2jcc 0.588459706
## 18985	6d78	2jcc 0.914693808
## 18986	6dfx	2jcc 2.189209903
## 18987	6dkp	2jcc 0.904438874
## 18988	6dxs	2jcc 1.482241097
## 18989	6eqa	2jcc 0.778637719
## 18990	6eqb	2jcc 0.778542611
## 18991	6mtm	2jcc 0.758157419
## 18992	6p64	2jcc 1.906586770
## 18993	6px6	2jcc 0.570057478
## 18994	6py2	2jcc 0.564311962
## 18995	6q3s	2jcc 0.846766962
## 18996	6r2l	2jcc 0.593539297
## 18997	6rp9	2jcc 0.679248586
## 18998	6rpa	2jcc 0.782437326
## 18999	6rpb	2jcc 0.702824155
## 19000	6rsy	2jcc 0.716748288
## 19001	6tmo	2jcc 0.643959716
## 19002	6tro	2jcc 0.969619180
## 19003	6u3n	2jcc 0.596423316
## 19004	6u3o	2jcc 1.455428154
## 19005	6uon	2jcc 0.772260042
## 19006	6vm7	2jcc 0.786213435
## 19007	6vm8	2jcc 0.752963587
## 19008	6vma	2jcc 0.772197996
## 19009	6vmc	2jcc 0.931328101
## 19010	6vmx	2jcc 0.884298214
## 19011	6vqo	2jcc 0.669252792
## 19012	6vrm	2jcc 1.205527666
## 19013	6vrn	2jcc 0.817196650
## 19014	7n1e	2jcc 0.554022626
## 19015	7n1f	2jcc 0.597790900
## 19016	7n6e	2jcc 0.554887488
## 19017	6xc9	2jcc 0.832386062
## 19018	6xco	2jcc 0.714599248
## 19019	6xcp	2jcc 1.976760308
## 19020	6zkw	2jcc 0.828115227
## 19021	6zks	2jcc 0.847575932
## 19022	6zky	2jcc 0.827888905
## 19023	6zkz	2jcc 0.843247095
## 19024	7dzm	2jcc 0.923889252
## 19025	7dzn	2jcc 0.793945009
## 19026	7rm4	2jcc 0.874745988
## 19027	7rtr	2jcc 0.676892352
## 19028	7l1d	2jcc 0.954141772
## 19029	7sg0	2jcc 1.166742461
## 19030	7sg1	2jcc 0.823202341
## 19031	7sg2	2jcc 0.820056745
## 19032	7rrg	2jcc 0.716658526
## 19033	7n2s	2jcc 0.752835586
## 19034	7n2n	2jcc 0.763386278
## 19035	7n2o	2jcc 0.740131967

## 19036	7n2r	2jcc 0.764552159
## 19037	7n2p	2jcc 0.909653292
## 19038	7n2q	2jcc 0.762705853
## 19039	8cx4	2jcc 0.622226625
## 19040	8VCX	2jcc 1.765250677
## 19041	8VCY	2jcc 0.724246812
## 19042	8VD0	2jcc 0.507026383
## 19043	8VD2	2jcc 0.755829431
## 19044	6XCP	2jcc 1.976403942
## 19045	6XC0	2jcc 0.715480533
## 19046	6XC9	2jcc 0.832189086
## 19047	1ao7	2uwe 0.777913297
## 19048	1bd2	2uwe 0.535576323
## 19049	1fyt	2uwe 0.610977536
## 19050	1j8h	2uwe 0.904008524
## 19051	1mi5	2uwe 0.770040430
## 19052	1oga	2uwe 0.768429902
## 19053	1qrn	2uwe 0.739323433
## 19054	1qse	2uwe 1.009611829
## 19055	1qsf	2uwe 0.737568966
## 19056	1zgl	2uwe 0.836659205
## 19057	2ak4	2uwe 0.608059649
## 19058	2bnq	2uwe 0.893976788
## 19059	2bnr	2uwe 0.912703570
## 19060	2esv	2uwe 0.745513207
## 19061	2f53	2uwe 0.556804722
## 19062	2f54	2uwe 0.917036544
## 19063	2gj6	2uwe 0.898160871
## 19064	2iam	2uwe 2.062846740
## 19065	2ian	2uwe 0.676142473
## 19066	2nx5	2uwe 0.529061123
## 19067	2p5e	2uwe 0.554798614
## 19068	2p5w	2uwe 0.555695912
## 19069	2pye	2uwe 0.656088835
## 19070	2vlj	2uwe 0.948386231
## 19071	2vlk	2uwe 1.147083130
## 19072	2vlr	2uwe 0.587986735
## 19073	2xn9	2uwe 0.741184237
## 19074	2yp1	2uwe 1.021831621
## 19075	3d39	2uwe 0.757286429
## 19076	3d3v	2uwe 0.764310975
## 19077	3dxa	2uwe 0.782350612
## 19078	3ffc	2uwe 0.874332963
## 19079	3gsn	2uwe 0.793267064
## 19080	3h9s	2uwe 0.756526791
## 19081	3hg1	2uwe 0.775264172
## 19082	3kpr	2uwe 0.639754317
## 19083	3kps	2uwe 0.734093280
## 19084	3kxf	2uwe 0.618404159
## 19085	3mv7	2uwe 0.897623252
## 19086	3mv8	2uwe 0.670105621
## 19087	3mv9	2uwe 0.923965396
## 19088	3o41	2uwe 0.585895838
## 19089	3pwp	2uwe 0.757970224

## 19090	3qdg	2uwe 1.019907229
## 19091	3qdj	2uwe 1.019611531
## 19092	3qdm	2uwe 1.488960144
## 19093	3qeq	2uwe 0.822129722
## 19094	3qfj	2uwe 0.834564248
## 19095	3sjv	2uwe 0.687774608
## 19096	3uts	2uwe 0.634741001
## 19097	3utt	2uwe 0.688342077
## 19098	3vxm	2uwe 0.600016523
## 19099	3vxr	2uwe 0.873090405
## 19100	3vxs	2uwe 0.792175703
## 19101	4c56	2uwe 0.633289391
## 19102	4e41	2uwe 2.866348165
## 19103	4eup	2uwe 0.676045355
## 19104	4ftv	2uwe 0.663882601
## 19105	4g8g	2uwe 0.940149935
## 19106	4g9f	2uwe 0.762619501
## 19107	4gg6	2uwe 0.819656602
## 19108	4jfd	2uwe 0.777441325
## 19109	4jfe	2uwe 0.778381568
## 19110	4jff	2uwe 0.777635792
## 19111	4jrx	2uwe 0.593440897
## 19112	4jry	2uwe 0.989270615
## 19113	4l3e	2uwe 0.912441375
## 19114	4mji	2uwe 1.339731108
## 19115	4mnq	2uwe 0.667194564
## 19116	4ozf	2uwe 1.027758802
## 19117	4ozg	2uwe 2.309765103
## 19118	4ozh	2uwe 1.673721533
## 19119	4ozi	2uwe 2.282344623
## 19120	4prh	2uwe 0.656341439
## 19121	4pri	2uwe 0.557911725
## 19122	4prp	2uwe 0.627146784
## 19123	4qok	2uwe 0.705100038
## 19124	4qrp	2uwe 0.747696427
## 19125	4y19	2uwe 1.177193239
## 19126	4y1a	2uwe 0.777386734
## 19127	4z7u	2uwe 1.158823128
## 19128	4z7v	2uwe 0.883153229
## 19129	4z7w	2uwe 0.549908862
## 19130	5d2l	2uwe 0.645208547
## 19131	5d2n	2uwe 0.657559618
## 19132	1lp9	2uwe 0.004850933
## 19133	1ymm	2uwe 0.978879546
## 19134	2j8u	2uwe 0.004995216
## 19135	2jcc	2uwe 0.005948000
## 19136	2uwe	2uwe 0.000000000
## 19137	2wbj	2uwe 0.707913080
## 19138	3gjf	2uwe 0.675447621
## 19139	3hae	2uwe 0.785504837
## 19140	3nfj	2uwe 0.593257147
## 19141	3o6f	2uwe 0.616776958
## 19142	3p16	2uwe 0.790260507
## 19143	3t0e	2uwe 0.723935147

## 19144	4euq	2uwe 0.883733486
## 19145	4grl	2uwe 0.719542952
## 19146	4h1l	2uwe 0.877728176
## 19147	4may	2uwe 0.630683523
## 19148	4p4k	2uwe 0.629443579
## 19149	4qrr	2uwe 0.698695219
## 19150	4wuu	2uwe 0.969451715
## 19151	4zez	2uwe 0.885651349
## 19152	5brz	2uwe 1.575760619
## 19153	5bs0	2uwe 2.250003476
## 19154	5c07	2uwe 0.717765362
## 19155	5c08	2uwe 0.818251507
## 19156	5c09	2uwe 0.691119828
## 19157	5c0a	2uwe 1.022794141
## 19158	5c0b	2uwe 0.698808161
## 19159	5c0c	2uwe 1.061687800
## 19160	5e6i	2uwe 0.847994521
## 19161	5e9d	2uwe 0.714749051
## 19162	5eu6	2uwe 0.702550126
## 19163	5euo	2uwe 5.097312004
## 19164	5hhm	2uwe 0.726381401
## 19165	5hho	2uwe 0.788217417
## 19166	5hyj	2uwe 0.735033345
## 19167	5isz	2uwe 1.073656442
## 19168	5jhd	2uwe 0.732336871
## 19169	5jzi	2uwe 0.885163072
## 19170	5ks9	2uwe 0.862695856
## 19171	5ksa	2uwe 0.861033674
## 19172	5ksb	2uwe 0.595272037
## 19173	5men	2uwe 0.667453725
## 19174	5nht	2uwe 1.011134460
## 19175	5nme	2uwe 0.761446415
## 19176	5nmf	2uwe 0.669474044
## 19177	5nmg	2uwe 0.612559986
## 19178	5nqk	2uwe 1.018396514
## 19179	5tez	2uwe 2.579344040
## 19180	5w1v	2uwe 2.184244444
## 19181	5w1w	2uwe 2.297119948
## 19182	5wkf	2uwe 0.766542147
## 19183	5wkh	2uwe 0.505138414
## 19184	5xot	2uwe 0.808401156
## 19185	5xov	2uwe 0.593257147
## 19186	5yxn	2uwe 0.827589474
## 19187	5yxu	2uwe 0.798074405
## 19188	6am5	2uwe 0.919161372
## 19189	6amu	2uwe 0.771970608
## 19190	6avf	2uwe 1.503869213
## 19191	6avg	2uwe 0.871223621
## 19192	6bj2	2uwe 1.362433071
## 19193	6bj3	2uwe 0.738649317
## 19194	6bj8	2uwe 0.737328534
## 19195	6cql	2uwe 0.777047153
## 19196	6cqn	2uwe 1.805999105
## 19197	6cqq	2uwe 1.369985537

## 19198	6cqr	2uwe 0.586706302
## 19199	6d78	2uwe 0.912671970
## 19200	6dfx	2uwe 2.189972202
## 19201	6dkp	2uwe 0.902426662
## 19202	6dxs	2uwe 1.482531960
## 19203	6eqa	2uwe 0.777771181
## 19204	6eqb	2uwe 0.777684228
## 19205	6mtm	2uwe 0.756112299
## 19206	6p64	2uwe 1.907905348
## 19207	6px6	2uwe 0.567731663
## 19208	6py2	2uwe 0.563125773
## 19209	6q3s	2uwe 0.845381587
## 19210	6r2l	2uwe 0.591804853
## 19211	6rp9	2uwe 0.679913214
## 19212	6rpa	2uwe 0.779924958
## 19213	6rpb	2uwe 0.703242066
## 19214	6rsy	2uwe 0.716568004
## 19215	6tmo	2uwe 0.642428403
## 19216	6tro	2uwe 0.970106525
## 19217	6u3n	2uwe 0.594474036
## 19218	6u3o	2uwe 1.454777304
## 19219	6uon	2uwe 0.772635269
## 19220	6vm7	2uwe 0.784272694
## 19221	6vm8	2uwe 0.750907309
## 19222	6vma	2uwe 0.771681219
## 19223	6vmc	2uwe 0.931762553
## 19224	6vmx	2uwe 0.882857844
## 19225	6vqo	2uwe 0.668890453
## 19226	6vrm	2uwe 1.205517939
## 19227	6vrn	2uwe 0.815124946
## 19228	7n1e	2uwe 0.552581425
## 19229	7n1f	2uwe 0.595669520
## 19230	7n6e	2uwe 0.554444375
## 19231	6xc9	2uwe 0.831625539
## 19232	6xco	2uwe 0.712442278
## 19233	6xcp	2uwe 1.976810612
## 19234	6zkw	2uwe 0.826132928
## 19235	6zks	2uwe 0.846407722
## 19236	6zky	2uwe 0.825913109
## 19237	6zkz	2uwe 0.841174577
## 19238	7dzm	2uwe 0.923077518
## 19239	7dzn	2uwe 0.792909218
## 19240	7rm4	2uwe 0.875204982
## 19241	7rtr	2uwe 0.675506887
## 19242	7l1d	2uwe 0.952686402
## 19243	7sg0	2uwe 1.165811057
## 19244	7sg1	2uwe 0.821933537
## 19245	7sg2	2uwe 0.818761815
## 19246	7rrg	2uwe 0.715873495
## 19247	7n2s	2uwe 0.751855392
## 19248	7n2n	2uwe 0.762469674
## 19249	7n2o	2uwe 0.738443852
## 19250	7n2r	2uwe 0.762940361
## 19251	7n2p	2uwe 0.907489388

## 19252	7n2q	2uwe 0.761857329
## 19253	8cx4	2uwe 0.620198018
## 19254	8VCX	2uwe 1.765382720
## 19255	8VCY	2uwe 0.722637635
## 19256	8VD0	2uwe 0.506246867
## 19257	8VD2	2uwe 0.754782473
## 19258	6XCP	2uwe 1.976454786
## 19259	6XC0	2uwe 0.713328334
## 19260	6XC9	2uwe 0.831425175
## 19261	1ao7	2wbj 1.184067392
## 19262	1bd2	2wbj 0.964850096
## 19263	1fyt	2wbj 1.006294061
## 19264	1j8h	2wbj 1.118791801
## 19265	1mi5	2wbj 0.987340044
## 19266	1oga	2wbj 1.020134049
## 19267	1qrn	2wbj 1.177847494
## 19268	1qse	2wbj 1.239603618
## 19269	1qsf	2wbj 1.172308794
## 19270	1zgl	2wbj 0.927513115
## 19271	2ak4	2wbj 0.744900472
## 19272	2bnq	2wbj 1.054318027
## 19273	2bnr	2wbj 1.046707322
## 19274	2esv	2wbj 1.146468153
## 19275	2f53	2wbj 0.993904149
## 19276	2f54	2wbj 0.940382852
## 19277	2gj6	2wbj 1.174259754
## 19278	2iam	2wbj 2.340636186
## 19279	2ian	2wbj 0.711354991
## 19280	2nx5	2wbj 0.596704119
## 19281	2p5e	2wbj 0.992890577
## 19282	2p5w	2wbj 0.994311449
## 19283	2pye	2wbj 1.029301880
## 19284	2vlj	2wbj 1.129817519
## 19285	2vlk	2wbj 1.525266252
## 19286	2vlr	2wbj 0.749125194
## 19287	2xn9	2wbj 0.975629388
## 19288	2yp1	2wbj 1.078663191
## 19289	3d39	2wbj 0.898912268
## 19290	3d3v	2wbj 1.038419849
## 19291	3dxa	2wbj 0.866283672
## 19292	3ffc	2wbj 1.134764946
## 19293	3gsn	2wbj 0.941267760
## 19294	3h9s	2wbj 0.898174479
## 19295	3hg1	2wbj 0.937177931
## 19296	3kpr	2wbj 0.759670176
## 19297	3kps	2wbj 1.013258369
## 19298	3kxf	2wbj 0.694787398
## 19299	3mv7	2wbj 1.166671093
## 19300	3mv8	2wbj 0.922772311
## 19301	3mv9	2wbj 1.213863672
## 19302	3o41	2wbj 0.972578245
## 19303	3pwp	2wbj 0.899202905
## 19304	3qdg	2wbj 1.242948338
## 19305	3qdj	2wbj 1.242959181

## 19306	3qdm	2wbj	1.610370357
## 19307	3qeq	2wbj	0.964034394
## 19308	3qfj	2wbj	0.955289999
## 19309	3sjv	2wbj	0.683983764
## 19310	3uts	2wbj	0.852987415
## 19311	3utt	2wbj	0.826087204
## 19312	3vxm	2wbj	1.041925374
## 19313	3vxx	2wbj	1.009758268
## 19314	3vxs	2wbj	1.098250775
## 19315	4c56	2wbj	0.748919792
## 19316	4e41	2wbj	2.760326846
## 19317	4eup	2wbj	0.799680971
## 19318	4ftv	2wbj	1.038258772
## 19319	4g8g	2wbj	1.168206680
## 19320	4g9f	2wbj	0.981332783
## 19321	4gg6	2wbj	1.007177851
## 19322	4jfd	2wbj	0.938585347
## 19323	4jfe	2wbj	0.937437547
## 19324	4jff	2wbj	0.937253085
## 19325	4jrx	2wbj	0.968351524
## 19326	4jry	2wbj	1.101404881
## 19327	4l3e	2wbj	1.083869594
## 19328	4mji	2wbj	1.598900611
## 19329	4mnq	2wbj	1.084690730
## 19330	4ozf	2wbj	1.130766616
## 19331	4ozg	2wbj	2.355350748
## 19332	4ozh	2wbj	1.626539825
## 19333	4ozi	2wbj	2.341402667
## 19334	4prh	2wbj	1.066872292
## 19335	4pri	2wbj	0.988351137
## 19336	4prp	2wbj	1.051629807
## 19337	4qok	2wbj	1.014187675
## 19338	4qrp	2wbj	0.913885345
## 19339	4y19	2wbj	1.269029302
## 19340	4y1a	2wbj	1.088835509
## 19341	4z7u	2wbj	1.222837809
## 19342	4z7v	2wbj	0.950242648
## 19343	4z7w	2wbj	0.799908461
## 19344	5d2l	2wbj	0.722195173
## 19345	5d2n	2wbj	0.798514424
## 19346	1lp9	2wbj	0.707103978
## 19347	1ymm	2wbj	1.186397724
## 19348	2j8u	2wbj	0.708362342
## 19349	2jcc	2wbj	0.707639929
## 19350	2uwe	2wbj	0.707913080
## 19351	2wbj	2wbj	0.000000000
## 19352	3gjf	2wbj	0.809899530
## 19353	3hae	2wbj	0.782703242
## 19354	3nfj	2wbj	0.648917261
## 19355	3o6f	2wbj	0.707959590
## 19356	3p16	2wbj	1.049200222
## 19357	3t0e	2wbj	0.895282161
## 19358	4euq	2wbj	1.029732319
## 19359	4grl	2wbj	0.917201368

## 19360	4h1l	2wbj	1.072052386
## 19361	4may	2wbj	1.032138868
## 19362	4p4k	2wbj	0.706020238
## 19363	4qrr	2wbj	0.928871708
## 19364	4wuu	2wbj	1.109241192
## 19365	4zez	2wbj	1.021904682
## 19366	5brz	2wbj	1.821631196
## 19367	5bs0	2wbj	2.409464566
## 19368	5c07	2wbj	0.680109570
## 19369	5c08	2wbj	0.907281114
## 19370	5c09	2wbj	0.828195099
## 19371	5c0a	2wbj	0.938488707
## 19372	5c0b	2wbj	0.895858290
## 19373	5c0c	2wbj	0.968316793
## 19374	5e6i	2wbj	0.890511229
## 19375	5e9d	2wbj	0.900859312
## 19376	5eu6	2wbj	1.007842958
## 19377	5euo	2wbj	5.064449314
## 19378	5hhm	2wbj	0.809127610
## 19379	5hho	2wbj	1.059651642
## 19380	5hyj	2wbj	0.749359452
## 19381	5isz	2wbj	1.140156706
## 19382	5jhd	2wbj	0.839482644
## 19383	5jzi	2wbj	1.021735308
## 19384	5ks9	2wbj	1.066457391
## 19385	5ksa	2wbj	0.940901485
## 19386	5ksb	2wbj	0.771579330
## 19387	5men	2wbj	1.085002378
## 19388	5nht	2wbj	1.150913727
## 19389	5nme	2wbj	0.766703091
## 19390	5nmf	2wbj	0.795643349
## 19391	5nmg	2wbj	0.598775267
## 19392	5nqk	2wbj	1.155737471
## 19393	5tez	2wbj	2.690654666
## 19394	5w1v	2wbj	2.120874899
## 19395	5w1w	2wbj	2.245997952
## 19396	5wkf	2wbj	0.844047094
## 19397	5wkh	2wbj	0.651428131
## 19398	5xot	2wbj	1.038561922
## 19399	5xov	2wbj	0.648917261
## 19400	5yxn	2wbj	1.033238679
## 19401	5yxu	2wbj	0.746029389
## 19402	6am5	2wbj	1.091229784
## 19403	6amu	2wbj	1.038458565
## 19404	6avf	2wbj	1.473491109
## 19405	6avg	2wbj	0.994549187
## 19406	6bj2	2wbj	1.347888492
## 19407	6bj3	2wbj	1.049502523
## 19408	6bj8	2wbj	1.052416779
## 19409	6cql	2wbj	0.962054500
## 19410	6cqn	2wbj	2.026768459
## 19411	6cqq	2wbj	1.151949503
## 19412	6cqr	2wbj	0.799118874
## 19413	6d78	2wbj	1.089279822

## 19414	6dfx	2wbj	2.220320490
## 19415	6dkp	2wbj	1.081130793
## 19416	6dxf	2wbj	1.652612911
## 19417	6eqa	2wbj	0.938534148
## 19418	6eqb	2wbj	0.938186615
## 19419	6mtm	2wbj	0.994029099
## 19420	6p64	2wbj	1.927525602
## 19421	6px6	2wbj	1.008624522
## 19422	6py2	2wbj	0.951302421
## 19423	6q3s	2wbj	0.970131897
## 19424	6r2l	2wbj	1.042361183
## 19425	6rp9	2wbj	0.633007392
## 19426	6rpa	2wbj	1.040652800
## 19427	6rpb	2wbj	0.668872909
## 19428	6rsy	2wbj	0.812340824
## 19429	6tmo	2wbj	1.092944518
## 19430	6tro	2wbj	1.291443137
## 19431	6u3n	2wbj	0.934439883
## 19432	6u3o	2wbj	1.524528556
## 19433	6uon	2wbj	0.703008250
## 19434	6vm7	2wbj	1.004323342
## 19435	6vm8	2wbj	1.004528876
## 19436	6vma	2wbj	1.100709038
## 19437	6vmc	2wbj	1.116422374
## 19438	6vmx	2wbj	1.070051463
## 19439	6vqo	2wbj	0.808896607
## 19440	6vrm	2wbj	1.469700560
## 19441	6vrn	2wbj	0.972405596
## 19442	7n1e	2wbj	0.970872949
## 19443	7n1f	2wbj	0.979382999
## 19444	7n6e	2wbj	0.740831501
## 19445	6xc9	2wbj	0.930727318
## 19446	6xco	2wbj	1.048581612
## 19447	6xcp	2wbj	2.227368454
## 19448	6zkw	2wbj	1.026823315
## 19449	6zqx	2wbj	0.974903363
## 19450	6zky	2wbj	1.026391957
## 19451	6zkz	2wbj	1.111301961
## 19452	7dzm	2wbj	1.178679292
## 19453	7dzn	2wbj	0.951296658
## 19454	7rm4	2wbj	0.808779791
## 19455	7rtr	2wbj	1.006709684
## 19456	7l1d	2wbj	1.063393228
## 19457	7sg0	2wbj	1.289677770
## 19458	7sg1	2wbj	0.935321108
## 19459	7sg2	2wbj	0.934830200
## 19460	7rrg	2wbj	1.017158108
## 19461	7n2s	2wbj	0.972883696
## 19462	7n2n	2wbj	0.973262455
## 19463	7n2o	2wbj	1.006433354
## 19464	7n2r	2wbj	1.063478205
## 19465	7n2p	2wbj	1.002277616
## 19466	7n2q	2wbj	0.902263125
## 19467	8cx4	2wbj	0.957637129

## 19468	8VCX	2wbj 1.958559737
## 19469	8VCY	2wbj 0.920273959
## 19470	8VD0	2wbj 0.803100847
## 19471	8VD2	2wbj 1.131194117
## 19472	6XCP	2wbj 2.227143102
## 19473	6XC0	2wbj 1.048807957
## 19474	6XC9	2wbj 0.929899409
## 19475	1ao7	3gjf 1.183247661
## 19476	1bd2	3gjf 0.798452217
## 19477	1fyt	3gjf 0.974690350
## 19478	1j8h	3gjf 1.162595911
## 19479	1mi5	3gjf 0.973231091
## 19480	1oga	3gjf 0.883689400
## 19481	1qrn	3gjf 1.199178273
## 19482	1qse	3gjf 1.150038247
## 19483	1qsf	3gjf 1.194143321
## 19484	1zgl	3gjf 0.794190439
## 19485	2ak4	3gjf 0.674218794
## 19486	2bnq	3gjf 0.884408593
## 19487	2bnr	3gjf 0.811375668
## 19488	2esv	3gjf 1.118030920
## 19489	2f53	3gjf 0.828947533
## 19490	2f54	3gjf 1.036036208
## 19491	2gj6	3gjf 1.159587009
## 19492	2iam	3gjf 2.367427613
## 19493	2ian	3gjf 0.699044779
## 19494	2nx5	3gjf 0.563149216
## 19495	2p5e	3gjf 0.826451321
## 19496	2p5w	3gjf 0.827732638
## 19497	2pye	3gjf 0.802850933
## 19498	2vlj	3gjf 0.819589161
## 19499	2vlk	3gjf 1.605318340
## 19500	2vlr	3gjf 0.649791386
## 19501	2xn9	3gjf 0.893339395
## 19502	2yp1	3gjf 0.837783231
## 19503	3d39	3gjf 0.835870028
## 19504	3d3v	3gjf 0.902498293
## 19505	3dxa	3gjf 0.740717001
## 19506	3ffc	3gjf 1.052610670
## 19507	3gsn	3gjf 0.745576557
## 19508	3h9s	3gjf 0.835306734
## 19509	3hg1	3gjf 0.849042445
## 19510	3kpr	3gjf 0.556871675
## 19511	3kps	3gjf 0.820180047
## 19512	3kxf	3gjf 0.623498665
## 19513	3mv7	3gjf 0.990768260
## 19514	3mv8	3gjf 0.881821024
## 19515	3mv9	3gjf 1.111945707
## 19516	3o41	3gjf 0.920434735
## 19517	3pwp	3gjf 0.836042732
## 19518	3qdg	3gjf 1.081122909
## 19519	3qdj	3gjf 1.081300173
## 19520	3qdm	3gjf 1.367041218
## 19521	3qeq	3gjf 0.778821759

## 19522	3qfj	3gjf 0.802032445
## 19523	3sjv	3gjf 0.650908039
## 19524	3uts	3gjf 0.888436962
## 19525	3utt	3gjf 0.773565002
## 19526	3vxm	3gjf 0.800791435
## 19527	3vxx	3gjf 0.891211851
## 19528	3vxs	3gjf 0.834651237
## 19529	4c56	3gjf 0.639372033
## 19530	4e41	3gjf 2.982252259
## 19531	4eup	3gjf 0.652216858
## 19532	4ftv	3gjf 0.879480814
## 19533	4g8g	3gjf 1.059925074
## 19534	4g9f	3gjf 0.880482035
## 19535	4gg6	3gjf 0.980759376
## 19536	4jfd	3gjf 0.850693491
## 19537	4jfe	3gjf 0.850310720
## 19538	4jff	3gjf 0.850583045
## 19539	4jrx	3gjf 0.766340282
## 19540	4jry	3gjf 0.839769337
## 19541	4l3e	3gjf 0.878210304
## 19542	4mji	3gjf 1.445878911
## 19543	4mnq	3gjf 1.021697884
## 19544	4ozf	3gjf 0.871450606
## 19545	4ozg	3gjf 2.358232767
## 19546	4ozh	3gjf 1.534940165
## 19547	4ozi	3gjf 2.392629801
## 19548	4prh	3gjf 0.884528661
## 19549	4pri	3gjf 0.939919058
## 19550	4prp	3gjf 0.866022128
## 19551	4qok	3gjf 1.070919429
## 19552	4qrp	3gjf 0.752290939
## 19553	4y19	3gjf 1.070481854
## 19554	4y1a	3gjf 0.993250201
## 19555	4z7u	3gjf 1.238554393
## 19556	4z7v	3gjf 0.943451521
## 19557	4z7w	3gjf 0.697193407
## 19558	5d2l	3gjf 0.811780992
## 19559	5d2n	3gjf 0.640991710
## 19560	1lp9	3gjf 0.675540083
## 19561	1ymm	3gjf 1.055380058
## 19562	2j8u	3gjf 0.676158863
## 19563	2jcc	3gjf 0.676471145
## 19564	2uwe	3gjf 0.675447621
## 19565	2wbj	3gjf 0.809899530
## 19566	3gjf	3gjf 0.000000000
## 19567	3hae	3gjf 0.772740148
## 19568	3nfj	3gjf 0.565759784
## 19569	3o6f	3gjf 0.691299632
## 19570	3p16	3gjf 1.031903166
## 19571	3t0e	3gjf 0.782158993
## 19572	4euq	3gjf 1.003439128
## 19573	4grl	3gjf 0.833787994
## 19574	4h1l	3gjf 1.005413865
## 19575	4may	3gjf 0.950922874

## 19576	4p4k	3gjf 0.652944211
## 19577	4qrr	3gjf 0.880947560
## 19578	4wuu	3gjf 0.842780579
## 19579	4zez	3gjf 1.014915209
## 19580	5brz	3gjf 1.707244132
## 19581	5bs0	3gjf 2.215354069
## 19582	5c07	3gjf 0.784081254
## 19583	5c08	3gjf 0.705299425
## 19584	5c09	3gjf 0.777908197
## 19585	5c0a	3gjf 1.078914202
## 19586	5c0b	3gjf 0.948816887
## 19587	5c0c	3gjf 0.952744834
## 19588	5e6i	3gjf 0.873175424
## 19589	5e9d	3gjf 0.716909034
## 19590	5eu6	3gjf 0.947132569
## 19591	5euo	3gjf 5.089398404
## 19592	5hhm	3gjf 1.080850995
## 19593	5hho	3gjf 0.867856373
## 19594	5hyj	3gjf 0.726779437
## 19595	5isz	3gjf 0.960530340
## 19596	5jhd	3gjf 0.953738508
## 19597	5jzi	3gjf 1.014415581
## 19598	5ks9	3gjf 1.120002357
## 19599	5ksa	3gjf 0.795552090
## 19600	5ksb	3gjf 0.666502129
## 19601	5men	3gjf 1.021274335
## 19602	5nht	3gjf 0.859433185
## 19603	5nme	3gjf 0.974379137
## 19604	5nmf	3gjf 0.784865572
## 19605	5nmg	3gjf 0.754164374
## 19606	5nqk	3gjf 0.865019355
## 19607	5tez	3gjf 2.471118674
## 19608	5w1v	3gjf 2.196083099
## 19609	5w1w	3gjf 2.403927543
## 19610	5wkf	3gjf 0.807990793
## 19611	5wkh	3gjf 0.702905721
## 19612	5xot	3gjf 0.898192288
## 19613	5xov	3gjf 0.565759784
## 19614	5yxn	3gjf 0.902634306
## 19615	5yxu	3gjf 0.695766702
## 19616	6am5	3gjf 0.883323023
## 19617	6amu	3gjf 0.847794818
## 19618	6avf	3gjf 1.195149870
## 19619	6avg	3gjf 0.806079213
## 19620	6bj2	3gjf 1.301699465
## 19621	6bj3	3gjf 0.944968194
## 19622	6bj8	3gjf 0.949408706
## 19623	6cql	3gjf 0.964658053
## 19624	6cqn	3gjf 2.118592695
## 19625	6cqq	3gjf 1.261030492
## 19626	6cqr	3gjf 0.758008321
## 19627	6d78	3gjf 0.889639679
## 19628	6dfx	3gjf 2.320263403
## 19629	6dkp	3gjf 0.876497154

## 19630	6dxf	3gjf 1.551011247
## 19631	6eqa	3gjf 0.851374536
## 19632	6eqb	3gjf 0.849563935
## 19633	6mtm	3gjf 0.824397998
## 19634	6p64	3gjf 2.044501075
## 19635	6px6	3gjf 0.851749711
## 19636	6py2	3gjf 0.958593542
## 19637	6q3s	3gjf 0.959411111
## 19638	6r2l	3gjf 0.841573393
## 19639	6rp9	3gjf 0.703727277
## 19640	6rpa	3gjf 0.796100948
## 19641	6rpb	3gjf 0.784020524
## 19642	6rsy	3gjf 0.759876607
## 19643	6tmo	3gjf 0.845739559
## 19644	6tro	3gjf 1.317587992
## 19645	6u3n	3gjf 0.862171044
## 19646	6u3o	3gjf 1.284672636
## 19647	6uon	3gjf 0.766057276
## 19648	6vm7	3gjf 0.874011821
## 19649	6vm8	3gjf 0.796019297
## 19650	6vma	3gjf 1.015906278
## 19651	6vmc	3gjf 1.116869184
## 19652	6vmx	3gjf 0.861033343
## 19653	6vqo	3gjf 0.797708740
## 19654	6vrm	3gjf 1.268147823
## 19655	6vrn	3gjf 0.875808591
## 19656	7n1e	3gjf 0.843386359
## 19657	7n1f	3gjf 0.824288761
## 19658	7n6e	3gjf 0.624270485
## 19659	6xc9	3gjf 0.778257252
## 19660	6xco	3gjf 0.939526799
## 19661	6xcp	3gjf 2.209886976
## 19662	6zkw	3gjf 0.855391694
## 19663	6zky	3gjf 0.940613697
## 19664	6zky	3gjf 0.855111186
## 19665	6zkz	3gjf 0.851223995
## 19666	7dzm	3gjf 1.142105850
## 19667	7dzn	3gjf 0.925420805
## 19668	7rm4	3gjf 0.849722349
## 19669	7rtr	3gjf 0.800282990
## 19670	7l1d	3gjf 1.001876225
## 19671	7sg0	3gjf 1.168186990
## 19672	7sg1	3gjf 0.774417583
## 19673	7sg2	3gjf 0.772202457
## 19674	7rrg	3gjf 0.911189053
## 19675	7n2s	3gjf 0.894449108
## 19676	7n2n	3gjf 0.891811869
## 19677	7n2o	3gjf 0.752080295
## 19678	7n2r	3gjf 0.874051373
## 19679	7n2p	3gjf 0.745048431
## 19680	7n2q	3gjf 0.756259964
## 19681	8cx4	3gjf 0.739203627
## 19682	8VCX	3gjf 1.958789897
## 19683	8VCY	3gjf 0.834452672

## 19684	8VD0	3gjf 0.681973488
## 19685	8VD2	3gjf 1.050370736
## 19686	6XCP	3gjf 2.209504651
## 19687	6XC0	3gjf 0.939550717
## 19688	6XC9	3gjf 0.777380098
## 19689	1ao7	3hae 1.244896010
## 19690	1bd2	3hae 1.073286724
## 19691	1fyf	3hae 1.107748935
## 19692	1j8h	3hae 1.189402393
## 19693	1mi5	3hae 1.188923993
## 19694	1oga	3hae 1.121268968
## 19695	1qrn	3hae 1.172228215
## 19696	1qse	3hae 1.136240628
## 19697	1qsf	3hae 1.169158370
## 19698	1zgl	3hae 0.729339198
## 19699	2ak4	3hae 0.657969117
## 19700	2bnq	3hae 1.077097412
## 19701	2bnr	3hae 1.074673292
## 19702	2esv	3hae 1.180734730
## 19703	2f53	3hae 1.027435814
## 19704	2f54	3hae 0.784516175
## 19705	2gj6	3hae 1.188752771
## 19706	2iam	3hae 1.934828651
## 19707	2ian	3hae 0.693500707
## 19708	2nx5	3hae 0.542808156
## 19709	2p5e	3hae 1.027226410
## 19710	2p5w	3hae 1.027969264
## 19711	2pye	3hae 1.044540025
## 19712	2vlj	3hae 1.007918653
## 19713	2vlk	3hae 1.402508587
## 19714	2vlr	3hae 0.759276802
## 19715	2xn9	3hae 1.096162344
## 19716	2yp1	3hae 1.073930831
## 19717	3d39	3hae 1.086095105
## 19718	3d3v	3hae 1.114461292
## 19719	3dxa	3hae 0.728360740
## 19720	3ffc	3hae 1.042441962
## 19721	3gsn	3hae 1.050885102
## 19722	3h9s	3hae 1.085638483
## 19723	3hg1	3hae 1.054405931
## 19724	3kpr	3hae 0.751597263
## 19725	3kps	3hae 1.052475687
## 19726	3kxf	3hae 0.568854296
## 19727	3mv7	3hae 1.162936621
## 19728	3mv8	3hae 1.093137669
## 19729	3mv9	3hae 1.188954136
## 19730	3o41	3hae 1.085440282
## 19731	3pwp	3hae 1.086301404
## 19732	3qdg	3hae 1.086088814
## 19733	3qdj	3hae 1.086700064
## 19734	3qdm	3hae 1.202175938
## 19735	3qeq	3hae 1.045023472
## 19736	3qfj	3hae 1.025504089
## 19737	3sjv	3hae 0.514721803

## 19738	3uts	3hae 0.820887120
## 19739	3utt	3hae 0.915965856
## 19740	3vxm	3hae 1.029496440
## 19741	3vxr	3hae 1.192286774
## 19742	3vxs	3hae 1.049779979
## 19743	4c56	3hae 0.744846239
## 19744	4e41	3hae 2.114742219
## 19745	4eup	3hae 0.773938724
## 19746	4ftv	3hae 1.099155144
## 19747	4g8g	3hae 1.249050672
## 19748	4g9f	3hae 1.111492041
## 19749	4gg6	3hae 1.036968183
## 19750	4jfd	3hae 1.053365267
## 19751	4jfe	3hae 1.052519267
## 19752	4jff	3hae 1.052792761
## 19753	4jrx	3hae 1.018767383
## 19754	4jry	3hae 1.105872825
## 19755	4l3e	3hae 1.134240954
## 19756	4mji	3hae 1.328772617
## 19757	4mnq	3hae 1.161232639
## 19758	4ozf	3hae 1.120374977
## 19759	4ozg	3hae 1.632145599
## 19760	4ozh	3hae 1.113879988
## 19761	4ozi	3hae 1.685361448
## 19762	4prh	3hae 1.176758475
## 19763	4pri	3hae 1.136028314
## 19764	4prp	3hae 1.146831607
## 19765	4qok	3hae 1.152399367
## 19766	4qrp	3hae 0.817872937
## 19767	4y19	3hae 1.267446114
## 19768	4y1a	3hae 1.154449926
## 19769	4z7u	3hae 0.972192479
## 19770	4z7v	3hae 0.892987754
## 19771	4z7w	3hae 0.776828120
## 19772	5d2l	3hae 0.713378113
## 19773	5d2n	3hae 0.738180766
## 19774	1lp9	3hae 0.785785882
## 19775	1ymm	3hae 1.305176361
## 19776	2j8u	3hae 0.785698659
## 19777	2jcc	3hae 0.785326859
## 19778	2uwe	3hae 0.785504837
## 19779	2wbj	3hae 0.782703242
## 19780	3gjf	3hae 0.772740148
## 19781	3hae	3hae 0.000000000
## 19782	3nfj	3hae 0.766415570
## 19783	3o6f	3hae 0.758965997
## 19784	3p16	3hae 1.234385751
## 19785	3t0e	3hae 0.981598410
## 19786	4euq	3hae 1.037677799
## 19787	4grl	3hae 1.069786420
## 19788	4h1l	3hae 1.024105662
## 19789	4may	3hae 1.160810559
## 19790	4p4k	3hae 0.767092045
## 19791	4qrr	3hae 1.138069603

## 19792	4wuu	3hae 1.096844481
## 19793	4zez	3hae 0.936241000
## 19794	5brz	3hae 1.340777122
## 19795	5bs0	3hae 1.617022621
## 19796	5c07	3hae 0.792975894
## 19797	5c08	3hae 0.818416360
## 19798	5c09	3hae 0.918150939
## 19799	5c0a	3hae 0.844845025
## 19800	5c0b	3hae 0.940732996
## 19801	5c0c	3hae 0.868830799
## 19802	5e6i	3hae 0.768523526
## 19803	5e9d	3hae 0.835935538
## 19804	5eu6	3hae 1.202132487
## 19805	5euo	3hae 3.511537221
## 19806	5hhm	3hae 0.882460191
## 19807	5hho	3hae 1.111167707
## 19808	5hyj	3hae 0.793785073
## 19809	5isz	3hae 1.080933811
## 19810	5jhd	3hae 0.923897886
## 19811	5jzi	3hae 0.936160584
## 19812	5ks9	3hae 1.058744992
## 19813	5ksa	3hae 1.105454960
## 19814	5ksb	3hae 0.810729442
## 19815	5men	3hae 1.161022042
## 19816	5nht	3hae 1.085416972
## 19817	5nme	3hae 0.879553057
## 19818	5nmf	3hae 0.784884515
## 19819	5nmg	3hae 0.806589721
## 19820	5nqk	3hae 1.087495140
## 19821	5tez	3hae 1.753956539
## 19822	5w1v	3hae 1.420363154
## 19823	5w1w	3hae 1.609868767
## 19824	5wkf	3hae 0.818674588
## 19825	5wkh	3hae 0.816023335
## 19826	5xot	3hae 1.145602778
## 19827	5xov	3hae 0.766415570
## 19828	5yxn	3hae 1.173524994
## 19829	5yxu	3hae 0.745516398
## 19830	6am5	3hae 1.142318750
## 19831	6amu	3hae 1.141467903
## 19832	6avf	3hae 1.316598047
## 19833	6avg	3hae 0.888159545
## 19834	6bj2	3hae 1.100923008
## 19835	6bj3	3hae 1.180519890
## 19836	6bj8	3hae 1.183750938
## 19837	6cql	3hae 1.179336765
## 19838	6cqn	3hae 1.763431057
## 19839	6cqq	3hae 0.960980837
## 19840	6cqr	3hae 0.837253240
## 19841	6d78	3hae 1.145754706
## 19842	6dfx	3hae 1.724672446
## 19843	6dkp	3hae 1.137777188
## 19844	6dxf	3hae 1.292559542
## 19845	6eqa	3hae 1.056056134

## 19846	6eqb	3hae 1.053527047
## 19847	6mtm	3hae 1.151544755
## 19848	6p64	3hae 1.486165494
## 19849	6px6	3hae 1.111366403
## 19850	6py2	3hae 1.103355578
## 19851	6q3s	3hae 1.158109083
## 19852	6r2l	3hae 1.113312447
## 19853	6rp9	3hae 0.685249092
## 19854	6rpa	3hae 1.116430061
## 19855	6rpb	3hae 0.629964869
## 19856	6rsy	3hae 0.794585426
## 19857	6tmo	3hae 1.070839120
## 19858	6tro	3hae 1.234211621
## 19859	6u3n	3hae 1.070458181
## 19860	6u3o	3hae 0.979317935
## 19861	6uon	3hae 0.822828486
## 19862	6vm7	3hae 1.114564104
## 19863	6vm8	3hae 1.127452627
## 19864	6vma	3hae 1.132504718
## 19865	6vmc	3hae 1.163701555
## 19866	6vmx	3hae 0.922436383
## 19867	6vqo	3hae 0.840674546
## 19868	6vrm	3hae 1.131828015
## 19869	6vrn	3hae 1.174364640
## 19870	7n1e	3hae 1.021979493
## 19871	7n1f	3hae 1.119976947
## 19872	7n6e	3hae 0.763153261
## 19873	6xc9	3hae 0.767865724
## 19874	6xco	3hae 1.183028130
## 19875	6xcp	3hae 1.749361634
## 19876	6zkw	3hae 1.066002271
## 19877	6zkk	3hae 1.111856979
## 19878	6zky	3hae 1.066143929
## 19879	6zkz	3hae 1.125666904
## 19880	7dzm	3hae 1.237914050
## 19881	7dzn	3hae 1.095936575
## 19882	7rm4	3hae 0.673435240
## 19883	7rtr	3hae 1.042861980
## 19884	7l1d	3hae 1.207508235
## 19885	7sg0	3hae 1.212106366
## 19886	7sg1	3hae 0.830329041
## 19887	7sg2	3hae 0.824006565
## 19888	7rrg	3hae 1.076342951
## 19889	7n2s	3hae 1.096209898
## 19890	7n2n	3hae 1.084363586
## 19891	7n2o	3hae 1.016020623
## 19892	7n2r	3hae 1.024895602
## 19893	7n2p	3hae 1.088633152
## 19894	7n2q	3hae 0.751201627
## 19895	8cx4	3hae 1.010628652
## 19896	8VCX	3hae 1.560968922
## 19897	8VCY	3hae 1.077428694
## 19898	8VD0	3hae 0.772489814
## 19899	8VD2	3hae 1.167923102

## 19900	6XCP	3hae	1.749120870
## 19901	6XC0	3hae	1.183034030
## 19902	6XC9	3hae	0.767222361
## 19903	1ao7	3nfj	1.039084463
## 19904	1bd2	3nfj	0.783527628
## 19905	1fyt	3nfj	0.896862579
## 19906	1j8h	3nfj	1.026691096
## 19907	1mi5	3nfj	0.801557908
## 19908	1oga	3nfj	0.801967763
## 19909	1qrn	3nfj	1.069548980
## 19910	1qse	3nfj	1.010429192
## 19911	1qsf	3nfj	1.066113293
## 19912	1zgl	3nfj	0.824742146
## 19913	2ak4	3nfj	0.681716263
## 19914	2bnq	3nfj	0.813243903
## 19915	2bnr	3nfj	0.816132853
## 19916	2esv	3nfj	0.972169843
## 19917	2f53	3nfj	0.816764335
## 19918	2f54	3nfj	0.952038397
## 19919	2gj6	3nfj	0.984168940
## 19920	2iam	3nfj	2.315864211
## 19921	2ian	3nfj	0.700599712
## 19922	2nx5	3nfj	0.501151550
## 19923	2p5e	3nfj	0.816793868
## 19924	2p5w	3nfj	0.818042977
## 19925	2pye	3nfj	0.870994535
## 19926	2vlj	3nfj	0.907349710
## 19927	2vlk	3nfj	1.401582632
## 19928	2vlr	3nfj	0.660825987
## 19929	2xn9	3nfj	0.886596139
## 19930	2yp1	3nfj	0.840057509
## 19931	3d39	3nfj	0.726882987
## 19932	3d3v	3nfj	0.809718752
## 19933	3dxa	3nfj	0.792353694
## 19934	3ffc	3nfj	1.077265114
## 19935	3gsn	3nfj	0.682612948
## 19936	3h9s	3nfj	0.727450827
## 19937	3hg1	3nfj	0.745556234
## 19938	3kpr	3nfj	0.655777251
## 19939	3kps	3nfj	0.859573244
## 19940	3kxf	3nfj	0.606235850
## 19941	3mv7	3nfj	0.948093932
## 19942	3mv8	3nfj	0.853461775
## 19943	3mv9	3nfj	0.994698419
## 19944	3o41	3nfj	0.902792488
## 19945	3pwp	3nfj	0.726966192
## 19946	3qdg	3nfj	1.005559195
## 19947	3qdj	3nfj	1.005794770
## 19948	3qdm	3nfj	1.409906076
## 19949	3qeq	3nfj	0.743750320
## 19950	3qfj	3nfj	0.741919127
## 19951	3sjv	3nfj	0.607847814
## 19952	3uts	3nfj	0.798240392
## 19953	3utt	3nfj	0.686436309

## 19954	3vxm	3nf j	0.843041180
## 19955	3vxr	3nf j	0.857295911
## 19956	3vxs	3nf j	0.921414991
## 19957	4c56	3nf j	0.615503992
## 19958	4e41	3nf j	2.828131468
## 19959	4eup	3nf j	0.660934716
## 19960	4ftv	3nf j	0.945004160
## 19961	4g8g	3nf j	1.062345142
## 19962	4g9f	3nf j	0.807496153
## 19963	4gg6	3nf j	0.996687054
## 19964	4jfd	3nf j	0.744874418
## 19965	4jfe	3nf j	0.745075780
## 19966	4jff	3nf j	0.744942438
## 19967	4jrx	3nf j	0.792576318
## 19968	4jry	3nf j	0.864575546
## 19969	4l3e	3nf j	0.897280584
## 19970	4mji	3nf j	1.504794582
## 19971	4mnq	3nf j	0.929351871
## 19972	4ozf	3nf j	0.937350977
## 19973	4ozg	3nf j	2.209840102
## 19974	4ozh	3nf j	1.454369997
## 19975	4ozi	3nf j	2.234348678
## 19976	4prh	3nf j	0.873054071
## 19977	4pri	3nf j	0.939474604
## 19978	4prp	3nf j	0.860457465
## 19979	4qok	3nf j	0.946397434
## 19980	4qrp	3nf j	0.741494660
## 19981	4y19	3nf j	1.083374792
## 19982	4y1a	3nf j	0.969610903
## 19983	4z7u	3nf j	1.059041047
## 19984	4z7v	3nf j	0.868383209
## 19985	4z7w	3nf j	0.663297803
## 19986	5d2l	3nf j	0.722013404
## 19987	5d2n	3nf j	0.660299347
## 19988	1lp9	3nf j	0.593085115
## 19989	1ymm	3nf j	1.050768451
## 19990	2j8u	3nf j	0.593285718
## 19991	2jcc	3nf j	0.593472545
## 19992	2uwe	3nf j	0.593257147
## 19993	2wbj	3nf j	0.648917261
## 19994	3gjf	3nf j	0.565759784
## 19995	3hae	3nf j	0.766415570
## 19996	3nf j	3nf j	0.000000000
## 19997	3o6f	3nf j	0.662359912
## 19998	3pl6	3nf j	0.919868232
## 19999	3t0e	3nf j	0.739093373
## 20000	4euq	3nf j	0.972302088
## 20001	4grl	3nf j	0.797562290
## 20002	4h1l	3nf j	1.018863934
## 20003	4may	3nf j	0.933051349
## 20004	4p4k	3nf j	0.646427349
## 20005	4qrr	3nf j	0.841955213
## 20006	4wuu	3nf j	0.851780278
## 20007	4zez	3nf j	0.904174204

## 20008	5brz	3nf j	1.609158244
## 20009	5bs0	3nf j	2.202301493
## 20010	5c07	3nf j	0.608977574
## 20011	5c08	3nf j	0.704760841
## 20012	5c09	3nf j	0.688811633
## 20013	5c0a	3nf j	0.963134491
## 20014	5c0b	3nf j	0.892360591
## 20015	5c0c	3nf j	0.829507925
## 20016	5e6i	3nf j	0.831679446
## 20017	5e9d	3nf j	0.799669282
## 20018	5eu6	3nf j	0.833299785
## 20019	5euo	3nf j	4.860541606
## 20020	5hhm	3nf j	0.886912748
## 20021	5hho	3nf j	0.959773743
## 20022	5hyj	3nf j	0.573396349
## 20023	5isz	3nf j	0.885016991
## 20024	5jhd	3nf j	0.833514660
## 20025	5jzi	3nf j	0.903646543
## 20026	5ks9	3nf j	1.076560929
## 20027	5ksa	3nf j	0.780343243
## 20028	5ksb	3nf j	0.686502822
## 20029	5men	3nf j	0.929554189
## 20030	5nht	3nf j	0.936785465
## 20031	5nme	3nf j	0.797985267
## 20032	5nmf	3nf j	0.709035973
## 20033	5nmg	3nf j	0.593307661
## 20034	5nqk	3nf j	0.942329908
## 20035	5tez	3nf j	2.510684988
## 20036	5w1v	3nf j	2.094286261
## 20037	5w1w	3nf j	2.270338567
## 20038	5wkf	3nf j	0.810029649
## 20039	5wkh	3nf j	0.566875838
## 20040	5xot	3nf j	0.935874460
## 20041	5xov	3nf j	0.000000000
## 20042	5yxn	3nf j	0.817678740
## 20043	5yxu	3nf j	0.657260896
## 20044	6am5	3nf j	0.902457142
## 20045	6amu	3nf j	0.864176385
## 20046	6avf	3nf j	1.243963943
## 20047	6avg	3nf j	0.860125949
## 20048	6bj2	3nf j	1.350176294
## 20049	6bj3	3nf j	0.978141850
## 20050	6bj8	3nf j	0.981482119
## 20051	6cql	3nf j	0.928452577
## 20052	6cqn	3nf j	2.065629372
## 20053	6cqq	3nf j	1.163174572
## 20054	6cqr	3nf j	0.703952271
## 20055	6d78	3nf j	0.906147365
## 20056	6dfx	3nf j	2.171933719
## 20057	6dkp	3nf j	0.895079933
## 20058	6dxf	3nf j	1.463779249
## 20059	6eqa	3nf j	0.746610558
## 20060	6eqb	3nf j	0.745331403
## 20061	6mtm	3nf j	0.768611034

## 20062	6p64	3nf j	1.819376765
## 20063	6px6	3nf j	0.821182474
## 20064	6py2	3nf j	0.908724822
## 20065	6q3s	3nf j	0.843482744
## 20066	6r2l	3nf j	0.794909183
## 20067	6rp9	3nf j	0.607444975
## 20068	6rpa	3nf j	0.773258655
## 20069	6rpb	3nf j	0.654941398
## 20070	6rsy	3nf j	0.663346682
## 20071	6tmo	3nf j	0.869087165
## 20072	6tro	3nf j	1.159553985
## 20073	6u3n	3nf j	0.839199693
## 20074	6u3o	3nf j	1.311891911
## 20075	6uon	3nf j	0.596958449
## 20076	6vm7	3nf j	0.880790678
## 20077	6vm8	3nf j	0.819816324
## 20078	6vma	3nf j	0.920175449
## 20079	6vmc	3nf j	0.964425265
## 20080	6vmx	3nf j	0.881052718
## 20081	6vqo	3nf j	0.732414529
## 20082	6vrm	3nf j	1.291181250
## 20083	6vrn	3nf j	0.803523694
## 20084	7n1e	3nf j	0.873067837
## 20085	7n1f	3nf j	0.732195049
## 20086	7n6e	3nf j	0.577499025
## 20087	6xc9	3nf j	0.849297896
## 20088	6xco	3nf j	0.943703179
## 20089	6xcp	3nf j	2.209056256
## 20090	6zkw	3nf j	0.921898211
## 20091	6zxx	3nf j	0.878126239
## 20092	6zky	3nf j	0.921518619
## 20093	6zkz	3nf j	0.856850707
## 20094	7dzm	3nf j	1.003446173
## 20095	7dzn	3nf j	0.763366059
## 20096	7rm4	3nf j	0.752006816
## 20097	7rtr	3nf j	0.747910144
## 20098	7l1d	3nf j	0.897272992
## 20099	7sg0	3nf j	1.032459111
## 20100	7sg1	3nf j	0.747719810
## 20101	7sg2	3nf j	0.736981575
## 20102	7rrg	3nf j	0.834272606
## 20103	7n2s	3nf j	0.813909521
## 20104	7n2n	3nf j	0.813800953
## 20105	7n2o	3nf j	0.771731828
## 20106	7n2r	3nf j	0.976679472
## 20107	7n2p	3nf j	0.783120311
## 20108	7n2q	3nf j	0.734305095
## 20109	8cx4	3nf j	0.767355547
## 20110	8VCX	3nf j	1.868734779
## 20111	8VCY	3nf j	0.790296140
## 20112	8VD0	3nf j	0.629913665
## 20113	8VD2	3nf j	0.960021182
## 20114	6XCP	3nf j	2.209273013
## 20115	6XC0	3nf j	0.943971475

## 20116	6XC9	3nfj	0.848051614
## 20117	1ao7	3o6f	0.839528752
## 20118	1bd2	3o6f	0.775739242
## 20119	1fyt	3o6f	0.694911509
## 20120	1j8h	3o6f	0.934501069
## 20121	1mi5	3o6f	0.819797556
## 20122	1oga	3o6f	0.617932976
## 20123	1qrn	3o6f	0.840974578
## 20124	1qse	3o6f	0.901049390
## 20125	1qsf	3o6f	0.837880749
## 20126	1zgl	3o6f	0.730279034
## 20127	2ak4	3o6f	0.654880041
## 20128	2bnq	3o6f	0.728998090
## 20129	2bnr	3o6f	0.769659614
## 20130	2esv	3o6f	0.728650351
## 20131	2f53	3o6f	0.596544415
## 20132	2f54	3o6f	0.978122468
## 20133	2gj6	3o6f	0.853656340
## 20134	2iam	3o6f	2.544524607
## 20135	2ian	3o6f	0.613012818
## 20136	2nx5	3o6f	0.553266374
## 20137	2p5e	3o6f	0.598599703
## 20138	2p5w	3o6f	0.599627672
## 20139	2pye	3o6f	0.714217190
## 20140	2vlj	3o6f	0.920213084
## 20141	2vlk	3o6f	1.241851297
## 20142	2vlr	3o6f	0.617095922
## 20143	2xn9	3o6f	0.661559555
## 20144	2yp1	3o6f	0.834186992
## 20145	3d39	3o6f	0.741896519
## 20146	3d3v	3o6f	0.581014399
## 20147	3dxa	3o6f	0.817667842
## 20148	3ffc	3o6f	0.966957145
## 20149	3gsn	3o6f	0.751978474
## 20150	3h9s	3o6f	0.742435466
## 20151	3hg1	3o6f	0.751750152
## 20152	3kpr	3o6f	0.651340774
## 20153	3kps	3o6f	0.671900084
## 20154	3kxf	3o6f	0.565960405
## 20155	3mv7	3o6f	0.623225671
## 20156	3mv8	3o6f	0.949685583
## 20157	3mv9	3o6f	0.641511782
## 20158	3o41	3o6f	0.960344052
## 20159	3pwp	3o6f	0.742113033
## 20160	3qdg	3o6f	0.967966976
## 20161	3qdj	3o6f	0.967725397
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## 20163	3qeq	3o6f	0.864504387
## 20164	3qfj	3o6f	0.809116098
## 20165	3sjv	3o6f	0.608701485
## 20166	3uts	3o6f	0.814477696
## 20167	3utt	3o6f	0.670841653
## 20168	3vxm	3o6f	0.686183119
## 20169	3vxr	3o6f	0.882013574

## 20170	3vxs	3o6f 0.727751180
## 20171	4c56	3o6f 0.607209411
## 20172	4e41	3o6f 2.752557093
## 20173	4eup	3o6f 0.603116010
## 20174	4ftv	3o6f 0.758773417
## 20175	4g8g	3o6f 0.936163300
## 20176	4g9f	3o6f 0.723355695
## 20177	4gg6	3o6f 1.012242404
## 20178	4jfd	3o6f 0.754464997
## 20179	4jfe	3o6f 0.754780927
## 20180	4jff	3o6f 0.754720666
## 20181	4jrx	3o6f 0.672533547
## 20182	4jry	3o6f 0.782685557
## 20183	4l3e	3o6f 0.794622755
## 20184	4mji	3o6f 1.281688088
## 20185	4mnq	3o6f 0.644926742
## 20186	4ozf	3o6f 1.123641731
## 20187	4ozg	3o6f 2.285644569
## 20188	4ozh	3o6f 1.662866526
## 20189	4ozi	3o6f 2.267599175
## 20190	4prh	3o6f 0.730180622
## 20191	4pri	3o6f 0.915893843
## 20192	4prp	3o6f 0.715748029
## 20193	4qok	3o6f 0.850539031
## 20194	4qrp	3o6f 0.602929479
## 20195	4y19	3o6f 0.985869969
## 20196	4y1a	3o6f 0.754348606
## 20197	4z7u	3o6f 1.210829040
## 20198	4z7v	3o6f 1.134527360
## 20199	4z7w	3o6f 0.558429090
## 20200	5d2l	3o6f 0.682570492
## 20201	5d2n	3o6f 0.545856231
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## 20203	1ymm	3o6f 1.127345104
## 20204	2j8u	3o6f 0.616952659
## 20205	2jcc	3o6f 0.617003418
## 20206	2uwe	3o6f 0.616776958
## 20207	2wbj	3o6f 0.707959590
## 20208	3gjf	3o6f 0.691299632
## 20209	3hae	3o6f 0.758965997
## 20210	3nfj	3o6f 0.662359912
## 20211	3o6f	3o6f 0.000000000
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## 20213	3t0e	3o6f 0.896714019
## 20214	4euq	3o6f 0.951446048
## 20215	4grl	3o6f 0.861432596
## 20216	4h1l	3o6f 1.144229906
## 20217	4may	3o6f 0.821303801
## 20218	4p4k	3o6f 0.648617463
## 20219	4qrr	3o6f 0.876348025
## 20220	4wuu	3o6f 0.796719081
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## 20223	5bs0	3o6f 2.269595578

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## 20225	5c08	3o6f 0.745183578
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## 20227	5c0a	3o6f 0.993607193
## 20228	5c0b	3o6f 0.787143705
## 20229	5c0c	3o6f 1.041259367
## 20230	5e6i	3o6f 0.801844747
## 20231	5e9d	3o6f 0.559491976
## 20232	5eu6	3o6f 0.882073718
## 20233	5euo	3o6f 5.112643245
## 20234	5hhm	3o6f 0.803844654
## 20235	5hho	3o6f 0.943063890
## 20236	5hyj	3o6f 0.808875280
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## 20238	5jhd	3o6f 0.955020572
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## 20240	5ks9	3o6f 0.909197437
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## 20242	5ksb	3o6f 0.658389877
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## 20244	5nht	3o6f 0.894139215
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## 20246	5nmf	3o6f 0.841858297
## 20247	5nmg	3o6f 0.690208514
## 20248	5nqk	3o6f 0.895671083
## 20249	5tez	3o6f 2.555861535
## 20250	5w1v	3o6f 2.225703380
## 20251	5w1w	3o6f 2.368991901
## 20252	5wkf	3o6f 0.648848676
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## 20256	5yxn	3o6f 0.808990525
## 20257	5yxu	3o6f 0.518814822
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## 20260	6avf	3o6f 1.470438825
## 20261	6avg	3o6f 0.737410315
## 20262	6bj2	3o6f 1.094614493
## 20263	6bj3	3o6f 1.009618673
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## 20269	6d78	3o6f 0.801295488
## 20270	6dfx	3o6f 2.147081760
## 20271	6dkp	3o6f 0.797463284
## 20272	6dxg	3o6f 1.413769991
## 20273	6eqa	3o6f 0.754095205
## 20274	6eqb	3o6f 0.755485393
## 20275	6mtm	3o6f 0.759836099
## 20276	6p64	3o6f 1.991540746
## 20277	6px6	3o6f 0.633104129

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## 20281	6rp9	3o6f 0.698769665
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## 20288	6u3o	3o6f 1.434333811
## 20289	6uon	3o6f 0.677297281
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## 20293	6vmc	3o6f 0.895739032
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## 20295	6vqo	3o6f 0.528267927
## 20296	6vrm	3o6f 1.361630429
## 20297	6vrn	3o6f 0.819290790
## 20298	7n1e	3o6f 0.844216517
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## 20300	7n6e	3o6f 0.658987570
## 20301	6xc9	3o6f 0.753338314
## 20302	6xco	3o6f 0.962962372
## 20303	6xcp	3o6f 2.410152565
## 20304	6zkw	3o6f 0.749789985
## 20305	6zkk	3o6f 0.741856055
## 20306	6zky	3o6f 0.751058786
## 20307	6zkz	3o6f 0.649553830
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## 20309	7dzn	3o6f 0.798023463
## 20310	7rm4	3o6f 0.837648661
## 20311	7rtr	3o6f 0.673022637
## 20312	7l1d	3o6f 0.786010952
## 20313	7sg0	3o6f 0.746924289
## 20314	7sg1	3o6f 0.931765575
## 20315	7sg2	3o6f 0.920788025
## 20316	7rrg	3o6f 0.663753266
## 20317	7n2s	3o6f 0.734176903
## 20318	7n2n	3o6f 0.723888369
## 20319	7n2o	3o6f 0.725758366
## 20320	7n2r	3o6f 0.748765870
## 20321	7n2p	3o6f 0.890447334
## 20322	7n2q	3o6f 0.782996697
## 20323	8cx4	3o6f 0.679446052
## 20324	8VCX	3o6f 2.064879679
## 20325	8VCY	3o6f 0.855482655
## 20326	8VD0	3o6f 0.625482221
## 20327	8VD2	3o6f 0.631915843
## 20328	6XCP	3o6f 2.410141081
## 20329	6XC0	3o6f 0.963022933
## 20330	6XC9	3o6f 0.752783403
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## 20335	1mi5	3p16 0.627808702
## 20336	1oga	3p16 1.036887033
## 20337	1qrn	3p16 1.200029439
## 20338	1qse	3p16 1.458718117
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## 20340	1zgl	3p16 1.219646884
## 20341	2ak4	3p16 0.896915225
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## 20344	2esv	3p16 1.100650998
## 20345	2f53	3p16 1.156742563
## 20346	2f54	3p16 1.619516116
## 20347	2gj6	3p16 1.108639197
## 20348	2iam	3p16 2.912535177
## 20349	2ian	3p16 0.871360537
## 20350	2nx5	3p16 0.939028003
## 20351	2p5e	3p16 1.156630449
## 20352	2p5w	3p16 1.159276585
## 20353	2pye	3p16 1.277304833
## 20354	2vlj	3p16 1.677555230
## 20355	2vlk	3p16 1.635062077
## 20356	2v1r	3p16 1.053669992
## 20357	2xn9	3p16 0.985504662
## 20358	2ypl	3p16 1.386790236
## 20359	3d39	3p16 0.851792694
## 20360	3d3v	3p16 1.064423924
## 20361	3dxa	3p16 1.205863927
## 20362	3ffc	3p16 1.047231331
## 20363	3gsn	3p16 1.091378078
## 20364	3h9s	3p16 0.852279067
## 20365	3hg1	3p16 1.082056252
## 20366	3kpr	3p16 1.082482558
## 20367	3kps	3p16 1.258991949
## 20368	3kxf	3p16 0.911442936
## 20369	3mv7	3p16 1.253191519
## 20370	3mv8	3p16 0.913198605
## 20371	3mv9	3p16 1.265042215
## 20372	3o4l	3p16 1.049872949
## 20373	3pwp	3p16 0.851186909
## 20374	3qdg	3p16 1.609220197
## 20375	3qdj	3p16 1.609024046
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## 20377	3qeq	3p16 1.185561160
## 20378	3qfj	3p16 1.212806665
## 20379	3sjv	3p16 1.079650828
## 20380	3uts	3p16 1.162963984
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## 20383	3vxr	3p16 0.965013817
## 20384	3vxs	3p16 1.419577338
## 20385	4c56	3p16 0.792993394

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## 20387	4eup	3p16 1.107584198
## 20388	4ftv	3p16 1.147518613
## 20389	4g8g	3p16 1.218561245
## 20390	4g9f	3p16 0.829154090
## 20391	4gg6	3p16 1.044015553
## 20392	4jfd	3p16 1.088185889
## 20393	4jfe	3p16 1.087268976
## 20394	4jff	3p16 1.084281097
## 20395	4jrx	3p16 1.182829087
## 20396	4jry	3p16 1.426497456
## 20397	4l3e	3p16 1.155606488
## 20398	4mji	3p16 1.711610502
## 20399	4mnq	3p16 0.959897320
## 20400	4ozf	3p16 1.570416075
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## 20402	4ozh	3p16 2.570515985
## 20403	4ozi	3p16 3.328917889
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## 20405	4pri	3p16 0.982431242
## 20406	4prp	3p16 0.961554283
## 20407	4qok	3p16 0.888768670
## 20408	4qrp	3p16 1.024005816
## 20409	4y19	3p16 1.570360342
## 20410	4y1a	3p16 1.090687365
## 20411	4z7u	3p16 1.714162689
## 20412	4z7v	3p16 1.296797170
## 20413	4z7w	3p16 0.885515311
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## 20415	5d2n	3p16 1.035019380
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## 20421	2wbj	3p16 1.049200222
## 20422	3gjf	3p16 1.031903166
## 20423	3hae	3p16 1.234385751
## 20424	3nfj	3p16 0.919868232
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## 20427	3t0e	3p16 0.782576049
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## 20429	4grl	3p16 1.018662908
## 20430	4h1l	3p16 1.292456170
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## 20436	5brz	3p16 2.613822352
## 20437	5bs0	3p16 3.642651176
## 20438	5c07	3p16 1.164588501
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## 20445	5e9d	3p16 1.266591067
## 20446	5eu6	3p16 0.556727094
## 20447	5euo	3p16 7.453476367
## 20448	5hhm	3p16 1.228788297
## 20449	5hho	3p16 1.258142277
## 20450	5hyj	3p16 1.162484233
## 20451	5isz	3p16 1.508211837
## 20452	5jhd	3p16 1.160475353
## 20453	5jzi	3p16 1.278644253
## 20454	5ks9	3p16 1.052741851
## 20455	5ksa	3p16 1.091302771
## 20456	5ksb	3p16 0.896539419
## 20457	5men	3p16 0.961247839
## 20458	5nht	3p16 1.490957115
## 20459	5nme	3p16 1.096007949
## 20460	5nmf	3p16 1.180200148
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## 20462	5nqk	3p16 1.498578224
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## 20464	5w1v	3p16 3.251797216
## 20465	5w1w	3p16 3.312094247
## 20466	5wkf	3p16 1.029528407
## 20467	5wkh	3p16 0.675620441
## 20468	5xot	3p16 1.185674478
## 20469	5xov	3p16 0.919868232
## 20470	5yxn	3p16 0.790292500
## 20471	5yxu	3p16 1.184585824
## 20472	6am5	3p16 1.162665283
## 20473	6amu	3p16 0.990093278
## 20474	6avf	3p16 2.140910524
## 20475	6avg	3p16 1.109815769
## 20476	6bj2	3p16 1.998195741
## 20477	6bj3	3p16 1.137868165
## 20478	6bj8	3p16 1.137478600
## 20479	6cql	3p16 0.755806670
## 20480	6cqn	3p16 2.492562765
## 20481	6cqq	3p16 2.134447988
## 20482	6cqr	3p16 0.954382163
## 20483	6d78	3p16 1.155687263
## 20484	6dfx	3p16 3.088329879
## 20485	6dkp	3p16 1.143596479
## 20486	6dxf	3p16 2.342206160
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## 20488	6eqb	3p16 1.089590852
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## 20490	6p64	3p16 2.867796153
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## 20492	6py2	3p16 0.926915277
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## 20499	6tmo	3pl6 1.263786118
## 20500	6tro	3pl6 1.366628422
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## 20502	6u3o	3pl6 2.257422136
## 20503	6uon	3pl6 1.056930551
## 20504	6vm7	3pl6 1.006295338
## 20505	6vm8	3pl6 1.013855137
## 20506	6vma	3pl6 1.023225673
## 20507	6vmc	3pl6 1.280189066
## 20508	6vmx	3pl6 1.306325548
## 20509	6vqo	3pl6 0.871832882
## 20510	6vrm	3pl6 2.208069023
## 20511	6vrn	3pl6 0.751507177
## 20512	7n1e	3pl6 1.187521497
## 20513	7n1f	3pl6 0.910621338
## 20514	7n6e	3pl6 1.061109784
## 20515	6xc9	3pl6 1.443674378
## 20516	6xco	3pl6 1.006941255
## 20517	6xcp	3pl6 3.081296345
## 20518	6zkw	3pl6 1.293217434
## 20519	6zxx	3pl6 1.037575511
## 20520	6zky	3pl6 1.293381820
## 20521	6zkz	3pl6 1.215772818
## 20522	7dzm	3pl6 1.195852949
## 20523	7dzn	3pl6 0.925645418
## 20524	7rm4	3pl6 1.298715044
## 20525	7rtr	3pl6 1.197513972
## 20526	7l1d	3pl6 0.989377134
## 20527	7sg0	3pl6 1.596787266
## 20528	7sg1	3pl6 1.293951328
## 20529	7sg2	3pl6 1.290857671
## 20530	7rrg	3pl6 1.079220282
## 20531	7n2s	3pl6 0.967472347
## 20532	7n2n	3pl6 0.982737397
## 20533	7n2o	3pl6 1.334637524
## 20534	7n2r	3pl6 1.399497489
## 20535	7n2p	3pl6 1.262485150
## 20536	7n2q	3pl6 1.203299308
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## 20538	8VCX	3pl6 2.606919770
## 20539	8VCY	3pl6 1.000433718
## 20540	8VD0	3pl6 0.786939601
## 20541	8VD2	3pl6 1.039265445
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## 20543	6XC0	3pl6 1.011841990
## 20544	6XC9	3pl6 1.443448852
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## 20549	1mi5	3t0e 0.860883032
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## 20552	1qse	3t0e 1.521693376
## 20553	1qsf	3t0e 1.329413573
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## 20556	2bnq	3t0e 1.200297184
## 20557	2bnr	3t0e 1.121307622
## 20558	2esv	3t0e 1.193232803
## 20559	2f53	3t0e 1.016664974
## 20560	2f54	3t0e 1.366643201
## 20561	2gj6	3t0e 1.339334105
## 20562	2iam	3t0e 2.435479153
## 20563	2ian	3t0e 0.802777608
## 20564	2nx5	3t0e 0.724115757
## 20565	2p5e	3t0e 1.013175547
## 20566	2p5w	3t0e 1.015491011
## 20567	2pye	3t0e 0.981656833
## 20568	2vlj	3t0e 1.270854333
## 20569	2vlk	3t0e 1.730638239
## 20570	2vlr	3t0e 0.899306531
## 20571	2xn9	3t0e 1.038323313
## 20572	2yp1	3t0e 1.200135047
## 20573	3d39	3t0e 0.855110172
## 20574	3d3v	3t0e 0.997755506
## 20575	3dxa	3t0e 0.853065187
## 20576	3ffc	3t0e 0.907400620
## 20577	3gsn	3t0e 0.952720724
## 20578	3h9s	3t0e 0.853387746
## 20579	3hg1	3t0e 1.030056431
## 20580	3kpr	3t0e 0.874315303
## 20581	3kps	3t0e 0.986540842
## 20582	3kxf	3t0e 0.698114275
## 20583	3mv7	3t0e 1.158676969
## 20584	3mv8	3t0e 0.838229113
## 20585	3mv9	3t0e 1.298280086
## 20586	3o41	3t0e 0.965962218
## 20587	3pwp	3t0e 0.855100480
## 20588	3qdg	3t0e 1.538949029
## 20589	3qdj	3t0e 1.539212009
## 20590	3qdm	3t0e 2.013779857
## 20591	3qeq	3t0e 1.018389867
## 20592	3qfj	3t0e 1.062263694
## 20593	3sjv	3t0e 0.902509192
## 20594	3uts	3t0e 1.115145127
## 20595	3utt	3t0e 0.782393642
## 20596	3vxm	3t0e 1.039770398
## 20597	3vxr	3t0e 0.734325150
## 20598	3vxs	3t0e 1.110635150
## 20599	4c56	3t0e 0.687924248
## 20600	4e41	3t0e 3.637895071
## 20601	4eup	3t0e 0.962732061

## 20602	4ftv	3t0e 0.943716504
## 20603	4g8g	3t0e 0.927493846
## 20604	4g9f	3t0e 0.958993781
## 20605	4gg6	3t0e 0.709346127
## 20606	4jfd	3t0e 1.034450837
## 20607	4jfe	3t0e 1.033593947
## 20608	4jff	3t0e 1.032286782
## 20609	4jrx	3t0e 0.936981431
## 20610	4jry	3t0e 1.078947462
## 20611	4l3e	3t0e 1.037016096
## 20612	4mji	3t0e 1.519455325
## 20613	4mnq	3t0e 1.016940258
## 20614	4ozf	3t0e 1.157400662
## 20615	4ozg	3t0e 2.927739976
## 20616	4ozh	3t0e 2.087179693
## 20617	4ozi	3t0e 2.876784387
## 20618	4prh	3t0e 0.846957550
## 20619	4pri	3t0e 0.792595241
## 20620	4prp	3t0e 0.834465883
## 20621	4qok	3t0e 1.080561215
## 20622	4qrp	3t0e 0.922587953
## 20623	4y19	3t0e 1.195606524
## 20624	4y1a	3t0e 1.052187678
## 20625	4z7u	3t0e 1.438324123
## 20626	4z7v	3t0e 0.958830505
## 20627	4z7w	3t0e 0.779156722
## 20628	5d2l	3t0e 0.792603372
## 20629	5d2n	3t0e 0.901763751
## 20630	1lp9	3t0e 0.722945131
## 20631	1ymm	3t0e 0.893791596
## 20632	2j8u	3t0e 0.724843808
## 20633	2jcc	3t0e 0.725487620
## 20634	2uwe	3t0e 0.723935147
## 20635	2wbj	3t0e 0.895282161
## 20636	3gjf	3t0e 0.782158993
## 20637	3hae	3t0e 0.981598410
## 20638	3nfj	3t0e 0.739093373
## 20639	3o6f	3t0e 0.896714019
## 20640	3p16	3t0e 0.782576049
## 20641	3t0e	3t0e 0.000000000
## 20642	4euq	3t0e 0.877588272
## 20643	4grl	3t0e 0.929346805
## 20644	4h1l	3t0e 0.958182790
## 20645	4may	3t0e 0.783422971
## 20646	4p4k	3t0e 0.740281734
## 20647	4qrr	3t0e 0.677890607
## 20648	4wuu	3t0e 1.170446059
## 20649	4zez	3t0e 0.931242830
## 20650	5brz	3t0e 2.301342903
## 20651	5bs0	3t0e 3.031066424
## 20652	5c07	3t0e 0.987425207
## 20653	5c08	3t0e 1.061244238
## 20654	5c09	3t0e 0.787519347
## 20655	5c0a	3t0e 1.289656788

## 20656	5c0b	3t0e 0.801591816
## 20657	5c0c	3t0e 1.364045757
## 20658	5e6i	3t0e 1.121027016
## 20659	5e9d	3t0e 1.039448527
## 20660	5eu6	3t0e 0.791307211
## 20661	5euo	3t0e 6.197669254
## 20662	5hhm	3t0e 1.220062962
## 20663	5hho	3t0e 1.004126863
## 20664	5hyj	3t0e 1.027482706
## 20665	5isz	3t0e 1.379424803
## 20666	5jhd	3t0e 1.030734533
## 20667	5jzi	3t0e 0.930507259
## 20668	5ks9	3t0e 1.062740235
## 20669	5ksa	3t0e 0.851624113
## 20670	5ksb	3t0e 0.707497650
## 20671	5men	3t0e 1.018408590
## 20672	5nht	3t0e 1.236389218
## 20673	5nme	3t0e 1.147297844
## 20674	5nmf	3t0e 1.017255550
## 20675	5nmg	3t0e 0.792958276
## 20676	5nqk	3t0e 1.242652683
## 20677	5tez	3t0e 3.401367587
## 20678	5w1v	3t0e 2.645863502
## 20679	5w1w	3t0e 2.714757825
## 20680	5wkf	3t0e 0.793604005
## 20681	5wkh	3t0e 0.676141905
## 20682	5xot	3t0e 0.836376169
## 20683	5xov	3t0e 0.739093373
## 20684	5yxn	3t0e 0.827981816
## 20685	5yxu	3t0e 1.022985375
## 20686	6am5	3t0e 1.042998712
## 20687	6amu	3t0e 0.893164230
## 20688	6avf	3t0e 1.617908603
## 20689	6avg	3t0e 0.946063215
## 20690	6bj2	3t0e 1.636716405
## 20691	6bj3	3t0e 0.760048760
## 20692	6bj8	3t0e 0.761219754
## 20693	6cql	3t0e 0.702894599
## 20694	6cqn	3t0e 2.089305553
## 20695	6cqq	3t0e 1.709847882
## 20696	6cqr	3t0e 0.703436808
## 20697	6d78	3t0e 1.036256484
## 20698	6dfx	3t0e 2.673300720
## 20699	6dkp	3t0e 1.026078963
## 20700	6dxf	3t0e 2.118096662
## 20701	6eqa	3t0e 1.032224770
## 20702	6eqb	3t0e 1.034183322
## 20703	6mtm	3t0e 0.828711802
## 20704	6p64	3t0e 2.403035289
## 20705	6px6	3t0e 0.865752030
## 20706	6py2	3t0e 0.908060129
## 20707	6q3s	3t0e 0.900455864
## 20708	6r2l	3t0e 0.897750317
## 20709	6rp9	3t0e 0.817743559

## 20710	6rpa	3t0e 0.932661288
## 20711	6rpb	3t0e 0.930958639
## 20712	6rsy	3t0e 0.959123780
## 20713	6tmo	3t0e 1.083993703
## 20714	6tro	3t0e 1.497519283
## 20715	6u3n	3t0e 0.781717097
## 20716	6u3o	3t0e 1.790614408
## 20717	6uon	3t0e 1.016295663
## 20718	6vm7	3t0e 0.901855855
## 20719	6vm8	3t0e 0.902789858
## 20720	6vma	3t0e 1.154547965
## 20721	6vmc	3t0e 1.191065916
## 20722	6vmx	3t0e 1.029409212
## 20723	6vqo	3t0e 0.924238497
## 20724	6vrm	3t0e 1.805875928
## 20725	6vrn	3t0e 0.791429979
## 20726	7n1e	3t0e 0.986984116
## 20727	7n1f	3t0e 0.863195976
## 20728	7n6e	3t0e 0.885843297
## 20729	6xc9	3t0e 1.071382159
## 20730	6xco	3t0e 0.706792270
## 20731	6xcp	3t0e 2.497730580
## 20732	6zkw	3t0e 1.030685711
## 20733	6zky	3t0e 1.013640150
## 20734	6zky	3t0e 1.028775594
## 20735	6zkz	3t0e 1.039322787
## 20736	7dzm	3t0e 0.973919408
## 20737	7dzn	3t0e 0.903107318
## 20738	7rm4	3t0e 1.090123006
## 20739	7rtr	3t0e 1.029206759
## 20740	7l1d	3t0e 0.995671123
## 20741	7sg0	3t0e 1.536420684
## 20742	7sg1	3t0e 0.835651825
## 20743	7sg2	3t0e 0.842823112
## 20744	7rrg	3t0e 1.130054135
## 20745	7n2s	3t0e 1.053174717
## 20746	7n2n	3t0e 1.066953558
## 20747	7n2o	3t0e 1.032646110
## 20748	7n2r	3t0e 1.129402930
## 20749	7n2p	3t0e 0.943879860
## 20750	7n2q	3t0e 1.005889279
## 20751	8cx4	3t0e 0.924786673
## 20752	8VCX	3t0e 1.921063139
## 20753	8VCY	3t0e 0.931856615
## 20754	8VD0	3t0e 0.707453581
## 20755	8VD2	3t0e 1.177029704
## 20756	6XCP	3t0e 2.497028139
## 20757	6XC0	3t0e 0.706024327
## 20758	6XC9	3t0e 1.070942463
## 20759	1ao7	4euq 1.502720133
## 20760	1bd2	4euq 1.243114609
## 20761	1fyt	4euq 1.268792821
## 20762	1j8h	4euq 1.438685658
## 20763	1mi5	4euq 1.065150138

## 20764	1oga	4euq 1.103289649
## 20765	1qrn	4euq 1.456660674
## 20766	1qse	4euq 1.648626231
## 20767	1qsf	4euq 1.452479687
## 20768	1zgl	4euq 0.912257731
## 20769	2ak4	4euq 0.653686862
## 20770	2bnq	4euq 1.321394225
## 20771	2bnr	4euq 1.203238178
## 20772	2esv	4euq 1.344589000
## 20773	2f53	4euq 1.251167908
## 20774	2f54	4euq 1.509394710
## 20775	2gj6	4euq 1.403866397
## 20776	2iam	4euq 2.534203093
## 20777	2ian	4euq 0.673224595
## 20778	2nx5	4euq 0.838948179
## 20779	2p5e	4euq 1.246717838
## 20780	2p5w	4euq 1.249590001
## 20781	2pye	4euq 1.157521554
## 20782	2vlj	4euq 1.598096042
## 20783	2vlk	4euq 1.802564096
## 20784	2vlr	4euq 1.146146686
## 20785	2xn9	4euq 0.996667075
## 20786	2yp1	4euq 1.300277271
## 20787	3d39	4euq 1.139372601
## 20788	3d3v	4euq 1.152169024
## 20789	3dxa	4euq 0.975434999
## 20790	3ffc	4euq 0.578620657
## 20791	3gsn	4euq 1.294281411
## 20792	3h9s	4euq 1.138439555
## 20793	3hg1	4euq 1.358044539
## 20794	3kpr	4euq 0.980775656
## 20795	3kps	4euq 1.131624691
## 20796	3kxf	4euq 0.700535356
## 20797	3mv7	4euq 1.068187611
## 20798	3mv8	4euq 1.155734407
## 20799	3mv9	4euq 1.256618055
## 20800	3o41	4euq 1.309473488
## 20801	3pwp	4euq 1.139226426
## 20802	3qdg	4euq 1.733851656
## 20803	3qdj	4euq 1.734518235
## 20804	3qdm	4euq 2.212141262
## 20805	3qeq	4euq 1.386164956
## 20806	3qfj	4euq 1.413116625
## 20807	3sjv	4euq 1.010809848
## 20808	3uts	4euq 1.279932172
## 20809	3utt	4euq 0.622853522
## 20810	3vxm	4euq 1.263819133
## 20811	3vxr	4euq 0.824725943
## 20812	3vxs	4euq 1.198614123
## 20813	4c56	4euq 0.747069161
## 20814	4e41	4euq 3.353786719
## 20815	4eup	4euq 1.045747210
## 20816	4ftv	4euq 0.949689108
## 20817	4g8g	4euq 0.781650504

## 20818	4g9f	4euq 0.980715897
## 20819	4gg6	4euq 0.777704088
## 20820	4jfd	4euq 1.365466458
## 20821	4jfe	4euq 1.362937713
## 20822	4jff	4euq 1.361273956
## 20823	4jrx	4euq 1.262814117
## 20824	4jry	4euq 1.173829191
## 20825	4l3e	4euq 0.908245698
## 20826	4mji	4euq 1.148452095
## 20827	4mnq	4euq 1.066640028
## 20828	4ozf	4euq 1.460004585
## 20829	4ozg	4euq 2.873007074
## 20830	4ozh	4euq 2.030165808
## 20831	4ozi	4euq 2.749714580
## 20832	4prh	4euq 0.939415816
## 20833	4pri	4euq 1.052435209
## 20834	4prp	4euq 0.921363069
## 20835	4qok	4euq 1.234076350
## 20836	4qrp	4euq 0.803471179
## 20837	4y19	4euq 0.999043752
## 20838	4y1a	4euq 0.910340332
## 20839	4z7u	4euq 1.531544516
## 20840	4z7v	4euq 1.178228603
## 20841	4z7w	4euq 0.887680565
## 20842	5d2l	4euq 0.816667004
## 20843	5d2n	4euq 0.966032621
## 20844	1lp9	4euq 0.882916788
## 20845	1ymm	4euq 0.847591317
## 20846	2j8u	4euq 0.884289223
## 20847	2jcc	4euq 0.885329422
## 20848	2uwe	4euq 0.883733486
## 20849	2wbj	4euq 1.029732319
## 20850	3gjf	4euq 1.003439128
## 20851	3hae	4euq 1.037677799
## 20852	3nfj	4euq 0.972302088
## 20853	3o6f	4euq 0.951446048
## 20854	3p16	4euq 0.997860602
## 20855	3t0e	4euq 0.877588272
## 20856	4euq	4euq 0.000000000
## 20857	4grl	4euq 1.195327715
## 20858	4h1l	4euq 1.106171705
## 20859	4may	4euq 0.948327755
## 20860	4p4k	4euq 0.974712891
## 20861	4qrr	4euq 0.967267750
## 20862	4wuu	4euq 1.256293099
## 20863	4zez	4euq 0.938848968
## 20864	5brz	4euq 2.555830308
## 20865	5bs0	4euq 3.189591496
## 20866	5c07	4euq 1.175915905
## 20867	5c08	4euq 1.106533364
## 20868	5c09	4euq 0.629157427
## 20869	5c0a	4euq 1.372701283
## 20870	5c0b	4euq 0.779842081
## 20871	5c0c	4euq 1.411749121

## 20872	5e6i	4euq 1.120780078
## 20873	5e9d	4euq 1.173140302
## 20874	5eu6	4euq 0.933842293
## 20875	5euo	4euq 5.657808763
## 20876	5hhm	4euq 1.273570639
## 20877	5hho	4euq 1.075892156
## 20878	5hyj	4euq 1.183423851
## 20879	5isz	4euq 1.572839323
## 20880	5jhd	4euq 1.195517703
## 20881	5jzi	4euq 0.938292231
## 20882	5ks9	4euq 0.824826326
## 20883	5ksa	4euq 1.013656425
## 20884	5ksb	4euq 0.786122236
## 20885	5men	4euq 1.066600930
## 20886	5nht	4euq 1.245719424
## 20887	5nme	4euq 1.211933914
## 20888	5nmf	4euq 1.262007991
## 20889	5nmg	4euq 0.883185022
## 20890	5nqk	4euq 1.243990501
## 20891	5tez	4euq 3.416417990
## 20892	5w1v	4euq 2.514468795
## 20893	5w1w	4euq 2.504874991
## 20894	5wkf	4euq 0.762359116
## 20895	5wkh	4euq 0.837367375
## 20896	5xot	4euq 0.919870438
## 20897	5xov	4euq 0.972302088
## 20898	5yxn	4euq 0.885486439
## 20899	5yxu	4euq 1.120561440
## 20900	6am5	4euq 0.912473806
## 20901	6amu	4euq 0.878954876
## 20902	6avf	4euq 1.596952233
## 20903	6avg	4euq 0.782238438
## 20904	6bj2	4euq 1.766650305
## 20905	6bj3	4euq 0.982542130
## 20906	6bj8	4euq 0.983746772
## 20907	6cql	4euq 0.893573256
## 20908	6cqn	4euq 2.253032555
## 20909	6cqq	4euq 1.681773936
## 20910	6cqr	4euq 0.853715824
## 20911	6d78	4euq 0.906488178
## 20912	6dfx	4euq 2.579397724
## 20913	6dkp	4euq 0.906561799
## 20914	6dxl	4euq 2.283427328
## 20915	6eqa	4euq 1.360844246
## 20916	6eqb	4euq 1.364495998
## 20917	6mtm	4euq 0.906061258
## 20918	6p64	4euq 2.484851835
## 20919	6px6	4euq 1.075906150
## 20920	6py2	4euq 1.223661790
## 20921	6q3s	4euq 0.948729395
## 20922	6r2l	4euq 1.289005839
## 20923	6rp9	4euq 0.955602842
## 20924	6rpa	4euq 1.108682512
## 20925	6rpb	4euq 1.043672829

## 20926	6rsy	4euq 0.994597711
## 20927	6tmo	4euq 1.351800932
## 20928	6tro	4euq 1.486764684
## 20929	6u3n	4euq 1.053269426
## 20930	6u3o	4euq 1.753524877
## 20931	6uon	4euq 1.161193629
## 20932	6vm7	4euq 0.901818480
## 20933	6vm8	4euq 0.950505392
## 20934	6vma	4euq 1.160604736
## 20935	6vmc	4euq 1.443710374
## 20936	6vmx	4euq 0.860832525
## 20937	6vqo	4euq 0.908867165
## 20938	6vrm	4euq 2.167552807
## 20939	6vrn	4euq 0.865069450
## 20940	7n1e	4euq 1.347247249
## 20941	7n1f	4euq 1.162437203
## 20942	7n6e	4euq 1.007055924
## 20943	6xc9	4euq 1.164179223
## 20944	6xco	4euq 0.971687249
## 20945	6xcp	4euq 2.692217400
## 20946	6zkw	4euq 1.097076531
## 20947	6zkk	4euq 1.079258124
## 20948	6zky	4euq 1.096582589
## 20949	6zkz	4euq 1.042300425
## 20950	7dzm	4euq 1.397274247
## 20951	7dzn	4euq 1.173780850
## 20952	7rm4	4euq 1.054055449
## 20953	7rtr	4euq 1.399657467
## 20954	7l1d	4euq 0.922254642
## 20955	7sg0	4euq 1.507204268
## 20956	7sg1	4euq 1.006337367
## 20957	7sg2	4euq 1.000016446
## 20958	7rrg	4euq 1.278578049
## 20959	7n2s	4euq 1.203563105
## 20960	7n2n	4euq 1.202076053
## 20961	7n2o	4euq 1.370816956
## 20962	7n2r	4euq 1.255164453
## 20963	7n2p	4euq 1.205902608
## 20964	7n2q	4euq 1.048622415
## 20965	8cx4	4euq 1.267571843
## 20966	8VCX	4euq 2.195550241
## 20967	8VCY	4euq 1.205267112
## 20968	8VD0	4euq 0.806226455
## 20969	8VD2	4euq 1.125532800
## 20970	6XCP	4euq 2.692345171
## 20971	6XC0	4euq 0.971565263
## 20972	6XC9	4euq 1.164467484
## 20973	1ao7	4grl 1.222536649
## 20974	1bd2	4grl 0.817088227
## 20975	1fyt	4grl 1.010383148
## 20976	1j8h	4grl 1.085693290
## 20977	1mi5	4grl 0.896483985
## 20978	1oga	4grl 1.060572857
## 20979	1qrn	4grl 1.238953506

## 20980	1qse	4grl 1.168959764
## 20981	1qsf	4grl 1.229236111
## 20982	1zgl	4grl 1.114777032
## 20983	2ak4	4grl 0.883960604
## 20984	2bnq	4grl 0.779348596
## 20985	2bnr	4grl 0.733705483
## 20986	2esv	4grl 1.299312693
## 20987	2f53	4grl 0.830368874
## 20988	2f54	4grl 1.233850426
## 20989	2gj6	4grl 1.121094464
## 20990	2iam	4grl 3.038502190
## 20991	2ian	4grl 0.917688671
## 20992	2nx5	4grl 0.820552768
## 20993	2p5e	4grl 0.824571449
## 20994	2p5w	4grl 0.826964886
## 20995	2pye	4grl 0.890083488
## 20996	2vlj	4grl 1.075419835
## 20997	2vlk	4grl 1.919080606
## 20998	2vlr	4grl 0.831808836
## 20999	2xn9	4grl 0.884869461
## 21000	2yp1	4grl 0.839231146
## 21001	3d39	4grl 0.651424084
## 21002	3d3v	4grl 1.069597116
## 21003	3dxa	4grl 1.042314140
## 21004	3ffc	4grl 1.249403621
## 21005	3gsn	4grl 0.654286127
## 21006	3h9s	4grl 0.650578215
## 21007	3hg1	4grl 0.709437108
## 21008	3kpr	4grl 0.644135537
## 21009	3kps	4grl 0.935973436
## 21010	3kxf	4grl 0.925182586
## 21011	3mv7	4grl 1.253053204
## 21012	3mv8	4grl 0.482185681
## 21013	3mv9	4grl 1.362312929
## 21014	3o41	4grl 0.675897465
## 21015	3pwp	4grl 0.652009727
## 21016	3qdg	4grl 1.095943430
## 21017	3qdj	4grl 1.095519861
## 21018	3qdm	4grl 1.701753051
## 21019	3qeq	4grl 0.572388703
## 21020	3qfj	4grl 0.649442097
## 21021	3sjv	4grl 0.937881971
## 21022	3uts	4grl 0.932970336
## 21023	3utt	4grl 0.879616205
## 21024	3vxm	4grl 0.841596137
## 21025	3vxr	4grl 1.005837703
## 21026	3vxs	4grl 0.993344921
## 21027	4c56	4grl 0.635419519
## 21028	4e41	4grl 4.210966299
## 21029	4eup	4grl 0.827326603
## 21030	4ftv	4grl 0.905949789
## 21031	4g8g	4grl 1.374060581
## 21032	4g9f	4grl 0.652387882
## 21033	4gg6	4grl 1.186562253

## 21034	4jfd	4grl 0.716102070
## 21035	4jfe	4grl 0.713606265
## 21036	4jff	4grl 0.712673144
## 21037	4jrx	4grl 0.822157677
## 21038	4jry	4grl 1.119810076
## 21039	4l3e	4grl 0.870856055
## 21040	4mji	4grl 1.972188425
## 21041	4mnq	4grl 1.132521848
## 21042	4ozf	4grl 0.879946693
## 21043	4ozg	4grl 3.284972821
## 21044	4ozh	4grl 2.215416264
## 21045	4ozi	4grl 3.291888189
## 21046	4prh	4grl 1.008848051
## 21047	4pri	4grl 0.900786122
## 21048	4prp	4grl 0.996338553
## 21049	4qok	4grl 0.847410419
## 21050	4qrp	4grl 0.990733857
## 21051	4y19	4grl 1.508209583
## 21052	4y1a	4grl 1.018465860
## 21053	4z7u	4grl 1.637035480
## 21054	4z7v	4grl 1.155993363
## 21055	4z7w	4grl 0.815816351
## 21056	5d2l	4grl 1.043820337
## 21057	5d2n	4grl 0.676755490
## 21058	1lp9	4grl 0.719544385
## 21059	1ymm	4grl 1.067069884
## 21060	2j8u	4grl 0.720974231
## 21061	2jcc	4grl 0.721163535
## 21062	2uwe	4grl 0.719542952
## 21063	2wbj	4grl 0.917201368
## 21064	3gjf	4grl 0.833787994
## 21065	3hae	4grl 1.069786420
## 21066	3nfj	4grl 0.797562290
## 21067	3o6f	4grl 0.861432596
## 21068	3pl6	4grl 1.018662908
## 21069	3t0e	4grl 0.929346805
## 21070	4euq	4grl 1.195327715
## 21071	4grl	4grl 0.000000000
## 21072	4h1l	4grl 1.188802072
## 21073	4may	4grl 1.053970824
## 21074	4p4k	4grl 0.524490470
## 21075	4qrr	4grl 0.838656557
## 21076	4wuu	4grl 0.906716705
## 21077	4zez	4grl 1.224471220
## 21078	5brz	4grl 2.225900324
## 21079	5bs0	4grl 3.066475793
## 21080	5c07	4grl 0.919560847
## 21081	5c08	4grl 0.876904246
## 21082	5c09	4grl 0.885064671
## 21083	5c0a	4grl 1.414153868
## 21084	5c0b	4grl 1.126404884
## 21085	5c0c	4grl 1.268417866
## 21086	5e6i	4grl 1.235320486
## 21087	5e9d	4grl 0.894568790

## 21088	5eu6	4grl 0.844077039
## 21089	5euo	4grl 7.291778718
## 21090	5hhm	4grl 1.261218121
## 21091	5hho	4grl 0.742407156
## 21092	5hyj	4grl 0.927964527
## 21093	5isz	4grl 1.026244285
## 21094	5jhd	4grl 1.042297443
## 21095	5jzi	4grl 1.223607098
## 21096	5ks9	4grl 1.429317701
## 21097	5ksa	4grl 0.693764849
## 21098	5ksb	4grl 0.793599521
## 21099	5men	4grl 1.131687724
## 21100	5nht	4grl 0.911976905
## 21101	5nme	4grl 1.103512675
## 21102	5nmf	4grl 0.767659905
## 21103	5nmg	4grl 0.716286245
## 21104	5nqk	4grl 0.924127891
## 21105	5tez	4grl 3.454994354
## 21106	5w1v	4grl 3.126620764
## 21107	5w1w	4grl 3.293091407
## 21108	5wkf	4grl 0.922873540
## 21109	5wkh	4grl 0.609825206
## 21110	5xot	4grl 1.066365741
## 21111	5xov	4grl 0.797562290
## 21112	5yxn	4grl 0.793332487
## 21113	5yxu	4grl 0.949853500
## 21114	6am5	4grl 0.884264336
## 21115	6amu	4grl 0.728621199
## 21116	6avf	4grl 1.669815461
## 21117	6avg	4grl 1.052717470
## 21118	6bj2	4grl 1.720353479
## 21119	6bj3	4grl 1.069754457
## 21120	6bj8	4grl 1.071801459
## 21121	6cql	4grl 0.784892797
## 21122	6cqn	4grl 2.579047987
## 21123	6cqq	4grl 1.652151852
## 21124	6cqr	4grl 0.792308163
## 21125	6d78	4grl 0.870265548
## 21126	6dfx	4grl 3.122212546
## 21127	6dkp	4grl 0.856958184
## 21128	6dxf	4grl 1.892383541
## 21129	6eqa	4grl 0.713807810
## 21130	6eqb	4grl 0.709550262
## 21131	6mtm	4grl 0.728062528
## 21132	6p64	4grl 2.795960430
## 21133	6px6	4grl 0.916042637
## 21134	6py2	4grl 0.745753713
## 21135	6q3s	4grl 0.785408998
## 21136	6r2l	4grl 0.904386380
## 21137	6rp9	4grl 1.037962597
## 21138	6rpa	4grl 0.924855093
## 21139	6rpb	4grl 0.971887448
## 21140	6rsy	4grl 0.770742961
## 21141	6tmo	4grl 0.844809757

## 21142	6tro	4grl 1.438365223
## 21143	6u3n	4grl 0.675460954
## 21144	6u3o	4grl 1.902829947
## 21145	6uon	4grl 0.910349879
## 21146	6vm7	4grl 0.792524760
## 21147	6vm8	4grl 0.790628687
## 21148	6vma	4grl 1.060630081
## 21149	6vmc	4grl 1.307007334
## 21150	6vmx	4grl 1.136713604
## 21151	6vqo	4grl 0.842936176
## 21152	6vrm	4grl 1.618410072
## 21153	6vrn	4grl 0.732773278
## 21154	7n1e	4grl 0.691702723
## 21155	7n1f	4grl 0.852607304
## 21156	7n6e	4grl 0.814329551
## 21157	6xc9	4grl 0.968352837
## 21158	6xco	4grl 1.070227783
## 21159	6xcp	4grl 2.782490802
## 21160	6zkw	4grl 0.919530077
## 21161	6zkk	4grl 0.817541602
## 21162	6zky	4grl 0.919436200
## 21163	6zkz	4grl 1.067162050
## 21164	7dzm	4grl 1.274533229
## 21165	7dzn	4grl 0.807272680
## 21166	7rm4	4grl 1.177552250
## 21167	7rtr	4grl 0.869265214
## 21168	7l1d	4grl 1.032729760
## 21169	7sg0	4grl 1.479457177
## 21170	7sg1	4grl 1.087213761
## 21171	7sg2	4grl 1.078956278
## 21172	7rrg	4grl 0.733367063
## 21173	7n2s	4grl 0.591769895
## 21174	7n2n	4grl 0.609755164
## 21175	7n2o	4grl 0.885567209
## 21176	7n2r	4grl 0.993656614
## 21177	7n2p	4grl 0.761452156
## 21178	7n2q	4grl 0.874626013
## 21179	8cx4	4grl 0.813753180
## 21180	8VCX	4grl 2.491034441
## 21181	8VCY	4grl 0.144275157
## 21182	8VD0	4grl 0.837726788
## 21183	8VD2	4grl 1.139636836
## 21184	6XCP	4grl 2.783509404
## 21185	6XC0	4grl 1.070046504
## 21186	6XC9	4grl 0.967213839
## 21187	1ao7	4h1l 1.726987302
## 21188	1bd2	4h1l 1.124719718
## 21189	1fyt	4h1l 1.437096048
## 21190	1j8h	4h1l 1.683098761
## 21191	1mi5	4h1l 1.375095495
## 21192	1oga	4h1l 1.458639474
## 21193	1qrn	4h1l 1.675918115
## 21194	1qse	4h1l 1.784966784
## 21195	1qsf	4h1l 1.671969522

## 21196	1zgl	4h1l 1.171631931
## 21197	2ak4	4h1l 0.806965931
## 21198	2bnq	4h1l 1.519342008
## 21199	2bnr	4h1l 1.399228325
## 21200	2esv	4h1l 1.652071619
## 21201	2f53	4h1l 1.319173675
## 21202	2f54	4h1l 1.271035372
## 21203	2gj6	4h1l 1.690287004
## 21204	2iam	4h1l 2.263945249
## 21205	2ian	4h1l 1.027940185
## 21206	2nx5	4h1l 0.854173051
## 21207	2p5e	4h1l 1.312545174
## 21208	2p5w	4h1l 1.314204930
## 21209	2pye	4h1l 1.215972956
## 21210	2vlj	4h1l 1.439196747
## 21211	2vlk	4h1l 2.078286111
## 21212	2vlr	4h1l 0.979948943
## 21213	2xn9	4h1l 1.293826185
## 21214	2yp1	4h1l 1.496120456
## 21215	3d39	4h1l 1.340037218
## 21216	3d3v	4h1l 1.486181654
## 21217	3dxa	4h1l 0.838584362
## 21218	3ffc	4h1l 1.149565457
## 21219	3gsn	4h1l 1.316250901
## 21220	3h9s	4h1l 1.338821359
## 21221	3hg1	4h1l 1.433861737
## 21222	3kpr	4h1l 0.976021516
## 21223	3kps	4h1l 1.333402732
## 21224	3kxf	4h1l 0.922311568
## 21225	3mv7	4h1l 1.584027547
## 21226	3mv8	4h1l 1.099316636
## 21227	3mv9	4h1l 1.749883754
## 21228	3o4l	4h1l 1.152698859
## 21229	3pwp	4h1l 1.340597557
## 21230	3qdg	4h1l 1.694134800
## 21231	3qdj	4h1l 1.694922991
## 21232	3qdm	4h1l 1.945008277
## 21233	3qeq	4h1l 1.287028168
## 21234	3qfj	4h1l 1.387030861
## 21235	3sjv	4h1l 0.979248560
## 21236	3uts	4h1l 1.207351992
## 21237	3utt	4h1l 1.134006683
## 21238	3vxm	4h1l 1.225043569
## 21239	3vxr	4h1l 1.253981253
## 21240	3vxs	4h1l 1.313199030
## 21241	4c56	4h1l 0.953986188
## 21242	4e41	4h1l 3.830806601
## 21243	4eup	4h1l 1.103458116
## 21244	4ftv	4h1l 1.215891694
## 21245	4g8g	4h1l 1.380867447
## 21246	4g9f	4h1l 1.333634645
## 21247	4gg6	4h1l 0.885754452
## 21248	4jfd	4h1l 1.435287550
## 21249	4jfe	4h1l 1.433975442

## 21250	4jff	4h1l 1.433448030
## 21251	4jrx	4h1l 1.234673466
## 21252	4jry	4h1l 1.454955562
## 21253	4l3e	4h1l 1.333513389
## 21254	4mji	4h1l 1.850061697
## 21255	4mnq	4h1l 1.458838827
## 21256	4ozf	4h1l 1.257419228
## 21257	4ozg	4h1l 3.086339560
## 21258	4ozh	4h1l 2.075460928
## 21259	4ozi	4h1l 3.122804153
## 21260	4prh	4h1l 1.226365946
## 21261	4pri	4h1l 1.094169790
## 21262	4prp	4h1l 1.180913194
## 21263	4qok	4h1l 1.464989336
## 21264	4qrp	4h1l 1.191689999
## 21265	4y19	4h1l 1.624913468
## 21266	4y1a	4h1l 1.410894875
## 21267	4z7u	4h1l 1.630724308
## 21268	4z7v	4h1l 0.753356973
## 21269	4z7w	4h1l 1.069400281
## 21270	5d2l	4h1l 0.976554754
## 21271	5d2n	4h1l 1.057738441
## 21272	1lp9	4h1l 0.877495110
## 21273	1ymm	4h1l 1.215842428
## 21274	2j8u	4h1l 0.878183704
## 21275	2jcc	4h1l 0.878991762
## 21276	2uwe	4h1l 0.877728176
## 21277	2wbj	4h1l 1.072052386
## 21278	3gjf	4h1l 1.005413865
## 21279	3hae	4h1l 1.024105662
## 21280	3nfj	4h1l 1.018863934
## 21281	3o6f	4h1l 1.144229906
## 21282	3p16	4h1l 1.292456170
## 21283	3t0e	4h1l 0.958182790
## 21284	4euq	4h1l 1.106171705
## 21285	4grl	4h1l 1.188802072
## 21286	4h1l	4h1l 0.000000000
## 21287	4may	4h1l 1.215204305
## 21288	4p4k	4h1l 0.953988765
## 21289	4qrr	4h1l 1.161978354
## 21290	4wuu	4h1l 1.435549942
## 21291	4zez	4h1l 0.850233761
## 21292	5brz	4h1l 2.381566559
## 21293	5bs0	4h1l 2.945257454
## 21294	5c07	4h1l 1.009731238
## 21295	5c08	4h1l 1.214606884
## 21296	5c09	4h1l 1.139432859
## 21297	5c0a	4h1l 1.328097676
## 21298	5c0b	4h1l 1.072327072
## 21299	5c0c	4h1l 1.377681577
## 21300	5e6i	4h1l 1.294287334
## 21301	5e9d	4h1l 1.271338203
## 21302	5eu6	4h1l 1.186360403
## 21303	5euo	4h1l 6.309963412

## 21304	5hhm	4h1l 1.395220683
## 21305	5hho	4h1l 1.124037745
## 21306	5hyj	4h1l 1.161809129
## 21307	5isz	4h1l 1.697996171
## 21308	5jhd	4h1l 1.125020793
## 21309	5jzi	4h1l 0.848960086
## 21310	5ks9	4h1l 1.383061290
## 21311	5ksa	4h1l 1.250919369
## 21312	5ksb	4h1l 0.819558193
## 21313	5men	4h1l 1.459481471
## 21314	5nht	4h1l 1.390423035
## 21315	5nme	4h1l 1.363938761
## 21316	5nmf	4h1l 1.087900679
## 21317	5nmg	4h1l 0.928848117
## 21318	5nqk	4h1l 1.399004970
## 21319	5tez	4h1l 3.254658103
## 21320	5w1v	4h1l 2.604736018
## 21321	5w1w	4h1l 2.707221768
## 21322	5wkf	4h1l 0.993061654
## 21323	5wkh	4h1l 0.961232074
## 21324	5xot	4h1l 1.236157930
## 21325	5xov	4h1l 1.018863934
## 21326	5yxn	4h1l 1.288787060
## 21327	5yxu	4h1l 1.238814049
## 21328	6am5	4h1l 1.343675044
## 21329	6amu	4h1l 1.129075753
## 21330	6avf	4h1l 1.696188755
## 21331	6avg	4h1l 1.165462312
## 21332	6bj2	4h1l 1.764654434
## 21333	6bj3	4h1l 1.070192557
## 21334	6bj8	4h1l 1.071859306
## 21335	6cql	4h1l 1.148625684
## 21336	6cqn	4h1l 1.999801263
## 21337	6cqq	4h1l 1.696223105
## 21338	6cqr	4h1l 0.778456207
## 21339	6d78	4h1l 1.343300399
## 21340	6dfx	4h1l 3.007516328
## 21341	6dkp	4h1l 1.324410321
## 21342	6dxl	4h1l 2.267293931
## 21343	6eqa	4h1l 1.437330178
## 21344	6eqb	4h1l 1.433546545
## 21345	6mtm	4h1l 1.214232640
## 21346	6p64	4h1l 2.608322663
## 21347	6px6	4h1l 1.257969245
## 21348	6py2	4h1l 1.247793123
## 21349	6q3s	4h1l 1.406225470
## 21350	6r2l	4h1l 1.105052647
## 21351	6rp9	4h1l 0.983348679
## 21352	6rpa	4h1l 1.334270283
## 21353	6rpb	4h1l 0.996928645
## 21354	6rsy	4h1l 1.216789035
## 21355	6tmo	4h1l 1.137117988
## 21356	6tro	4h1l 1.902146141
## 21357	6u3n	4h1l 1.151632049

## 21358	6u3o	4h1l 1.726995542
## 21359	6uon	4h1l 1.238396049
## 21360	6vm7	4h1l 1.240763491
## 21361	6vm8	4h1l 1.222586692
## 21362	6vma	4h1l 1.546716337
## 21363	6vmc	4h1l 1.670196124
## 21364	6vmx	4h1l 1.109816227
## 21365	6vqo	4h1l 1.207062227
## 21366	6vrm	4h1l 1.782802145
## 21367	6vrn	4h1l 1.259019619
## 21368	7n1e	4h1l 1.163681783
## 21369	7n1f	4h1l 1.292213354
## 21370	7n6e	4h1l 1.007060336
## 21371	6xc9	4h1l 1.053053402
## 21372	6xco	4h1l 1.105211694
## 21373	6xcp	4h1l 2.247708080
## 21374	6zkw	4h1l 1.379130505
## 21375	6zkk	4h1l 1.484078510
## 21376	6zky	4h1l 1.377511840
## 21377	6zkz	4h1l 1.386069502
## 21378	7dzm	4h1l 1.362540335
## 21379	7dzn	4h1l 1.408652013
## 21380	7rm4	4h1l 1.162151450
## 21381	7rtr	4h1l 1.359081680
## 21382	7l1d	4h1l 1.529789225
## 21383	7sg0	4h1l 1.967354550
## 21384	7sg1	4h1l 0.883654169
## 21385	7sg2	4h1l 0.901878705
## 21386	7rrg	4h1l 1.449602747
## 21387	7n2s	4h1l 1.406626731
## 21388	7n2n	4h1l 1.413541238
## 21389	7n2o	4h1l 1.316679290
## 21390	7n2r	4h1l 1.280058082
## 21391	7n2p	4h1l 1.231255087
## 21392	7n2q	4h1l 1.129535325
## 21393	8cx4	4h1l 1.235379389
## 21394	8VCX	4h1l 2.193391795
## 21395	8VCY	4h1l 1.204850212
## 21396	8VD0	4h1l 0.939153130
## 21397	8VD2	4h1l 1.570821352
## 21398	6XCP	4h1l 2.248382103
## 21399	6XC0	4h1l 1.106232680
## 21400	6XC9	4h1l 1.052627803
## 21401	1ao7	4may 1.228651761
## 21402	1bd2	4may 0.735914780
## 21403	1fyt	4may 0.842753965
## 21404	1j8h	4may 1.414113875
## 21405	1mi5	4may 0.962704127
## 21406	1oga	4may 0.823398936
## 21407	1qrn	4may 1.253034677
## 21408	1qse	4may 1.704700311
## 21409	1qsf	4may 1.244000485
## 21410	1zgl	4may 1.083878959
## 21411	2ak4	4may 0.737889471

## 21412	2bnq	4may 1.336741361
## 21413	2bnr	4may 1.257657800
## 21414	2esv	4may 1.059185436
## 21415	2f53	4may 0.776144352
## 21416	2f54	4may 1.620135113
## 21417	2gj6	4may 1.441281141
## 21418	2iam	4may 3.134685124
## 21419	2ian	4may 0.795882788
## 21420	2nx5	4may 0.822099761
## 21421	2p5e	4may 0.772002676
## 21422	2p5w	4may 0.775061484
## 21423	2pye	4may 0.750379559
## 21424	2vlj	4may 1.416600290
## 21425	2vlk	4may 1.827485279
## 21426	2vlr	4may 1.046523716
## 21427	2xn9	4may 0.972400320
## 21428	2yp1	4may 1.384123284
## 21429	3d39	4may 0.903268931
## 21430	3d3v	4may 0.863822438
## 21431	3dxa	4may 1.071122617
## 21432	3ffc	4may 0.836387516
## 21433	3gsn	4may 1.122115821
## 21434	3h9s	4may 0.899796364
## 21435	3hg1	4may 1.104844882
## 21436	3kpr	4may 0.906566199
## 21437	3kps	4may 0.737859137
## 21438	3kxf	4may 0.792656001
## 21439	3mv7	4may 1.044156392
## 21440	3mv8	4may 0.903627834
## 21441	3mv9	4may 1.228964811
## 21442	3o41	4may 0.964233055
## 21443	3pwp	4may 0.904535932
## 21444	3qdg	4may 1.776496337
## 21445	3qdj	4may 1.776110751
## 21446	3qdm	4may 2.457062505
## 21447	3qeq	4may 1.246771111
## 21448	3qfj	4may 1.229950911
## 21449	3sjv	4may 1.047580968
## 21450	3uts	4may 1.289091812
## 21451	3utt	4may 0.843098341
## 21452	3vxm	4may 0.901718220
## 21453	3vxr	4may 0.719701728
## 21454	3vxs	4may 0.965911542
## 21455	4c56	4may 0.795058553
## 21456	4e41	4may 4.323211256
## 21457	4eup	4may 1.010076250
## 21458	4ftv	4may 0.645321303
## 21459	4g8g	4may 0.714808350
## 21460	4g9f	4may 0.964807669
## 21461	4gg6	4may 0.861846068
## 21462	4jfd	4may 1.115115963
## 21463	4jfe	4may 1.114542353
## 21464	4jff	4may 1.112507056
## 21465	4jrx	4may 0.782021423

## 21466	4jry	4may 1.105793082
## 21467	4l3e	4may 1.061008390
## 21468	4mji	4may 1.633727998
## 21469	4mnq	4may 0.720398658
## 21470	4ozf	4may 1.522398097
## 21471	4ozg	4may 3.572307849
## 21472	4ozh	4may 2.546518924
## 21473	4ozi	4may 3.480178013
## 21474	4prh	4may 0.658360985
## 21475	4pri	4may 0.493417265
## 21476	4prp	4may 0.656496636
## 21477	4qok	4may 1.041520716
## 21478	4qrp	4may 0.894767285
## 21479	4y19	4may 1.202437038
## 21480	4y1a	4may 0.794927839
## 21481	4z7u	4may 1.811797597
## 21482	4z7v	4may 1.313946273
## 21483	4z7w	4may 0.679703761
## 21484	5d2l	4may 0.926679988
## 21485	5d2n	4may 0.932975021
## 21486	1lp9	4may 0.629417203
## 21487	1ymm	4may 0.999264937
## 21488	2j8u	4may 0.631877886
## 21489	2jcc	4may 0.632569903
## 21490	2uwe	4may 0.630683523
## 21491	2wbj	4may 1.032138868
## 21492	3gjf	4may 0.950922874
## 21493	3hae	4may 1.160810559
## 21494	3nfj	4may 0.933051349
## 21495	3o6f	4may 0.821303801
## 21496	3p16	4may 0.931723008
## 21497	3t0e	4may 0.783422971
## 21498	4euq	4may 0.948327755
## 21499	4grl	4may 1.053970824
## 21500	4h1l	4may 1.215204305
## 21501	4may	4may 0.000000000
## 21502	4p4k	4may 0.880503470
## 21503	4qrr	4may 0.542827480
## 21504	4wuu	4may 1.326064375
## 21505	4zez	4may 1.190205546
## 21506	5brz	4may 2.695920140
## 21507	5bs0	4may 3.646021595
## 21508	5c07	4may 1.248264224
## 21509	5c08	4may 1.260001835
## 21510	5c09	4may 0.850778484
## 21511	5c0a	4may 1.440911939
## 21512	5c0b	4may 0.682701631
## 21513	5c0c	4may 1.697713333
## 21514	5e6i	4may 1.284370249
## 21515	5e9d	4may 0.964753849
## 21516	5eu6	4may 0.905671885
## 21517	5euo	4may 7.552693418
## 21518	5hhm	4may 1.286685652
## 21519	5hho	4may 1.030023998

## 21520	5hyj	4may 1.251376241
## 21521	5isz	4may 1.617557087
## 21522	5jhd	4may 1.252663421
## 21523	5jzi	4may 1.189351579
## 21524	5ks9	4may 0.959549014
## 21525	5ksa	4may 0.916040617
## 21526	5ksb	4may 0.658250054
## 21527	5men	4may 0.723497499
## 21528	5nht	4may 1.384379706
## 21529	5nme	4may 1.321635211
## 21530	5nmf	4may 1.199808149
## 21531	5nmg	4may 0.915274057
## 21532	5nqk	4may 1.389376335
## 21533	5tez	4may 4.074508074
## 21534	5w1v	4may 3.262333782
## 21535	5w1w	4may 3.383621489
## 21536	5wkf	4may 0.688693640
## 21537	5wkh	4may 0.675096356
## 21538	5xot	4may 0.567280239
## 21539	5xov	4may 0.933051349
## 21540	5yxn	4may 0.805420277
## 21541	5yxu	4may 1.117106850
## 21542	6am5	4may 1.067489076
## 21543	6amu	4may 0.919999377
## 21544	6avf	4may 1.980676252
## 21545	6avg	4may 0.935325153
## 21546	6bj2	4may 1.746627427
## 21547	6bj3	4may 0.582783406
## 21548	6bj8	4may 0.580850229
## 21549	6cql	4may 0.746050852
## 21550	6cqn	4may 2.706359596
## 21551	6cqq	4may 2.048350075
## 21552	6cqr	4may 0.732232335
## 21553	6d78	4may 1.048272075
## 21554	6dfx	4may 3.276330370
## 21555	6dkp	4may 1.045260329
## 21556	6dxs	4may 2.451153611
## 21557	6eqa	4may 1.107846861
## 21558	6eqb	4may 1.113871563
## 21559	6mtm	4may 0.904077925
## 21560	6p64	4may 2.980381755
## 21561	6px6	4may 0.636123958
## 21562	6py2	4may 0.782130022
## 21563	6q3s	4may 0.918830012
## 21564	6r2l	4may 0.979346401
## 21565	6rp9	4may 0.940416896
## 21566	6rpa	4may 0.913682718
## 21567	6rpb	4may 1.157693043
## 21568	6rsy	4may 0.980348379
## 21569	6tmo	4may 1.154917259
## 21570	6tro	4may 1.457276735
## 21571	6u3n	4may 0.609516687
## 21572	6u3o	4may 2.152985203
## 21573	6uon	4may 1.241267992

## 21574	6vm7	4may 0.799645783
## 21575	6vm8	4may 0.782060935
## 21576	6vma	4may 1.051847236
## 21577	6vmc	4may 1.309309085
## 21578	6vmx	4may 1.080972621
## 21579	6vqo	4may 0.837315136
## 21580	6vrn	4may 2.103073702
## 21581	6vrn	4may 0.883231810
## 21582	7n1e	4may 0.894377011
## 21583	7n1f	4may 0.825186058
## 21584	7n6e	4may 0.935412734
## 21585	6xc9	4may 1.156530059
## 21586	6xco	4may 0.399590428
## 21587	6xcp	4may 3.131733403
## 21588	6zkw	4may 0.822217335
## 21589	6zkk	4may 0.916612508
## 21590	6zky	4may 0.820041038
## 21591	6zkz	4may 0.966392906
## 21592	7dzm	4may 1.398488012
## 21593	7dzn	4may 0.989618801
## 21594	7rm4	4may 1.278088160
## 21595	7rtr	4may 1.037485925
## 21596	7l1d	4may 1.014498248
## 21597	7sg0	4may 1.639817933
## 21598	7sg1	4may 1.080455258
## 21599	7sg2	4may 1.073548788
## 21600	7rrg	4may 1.128279148
## 21601	7n2s	4may 1.084894862
## 21602	7n2n	4may 1.098419688
## 21603	7n2o	4may 1.028331229
## 21604	7n2r	4may 1.014967789
## 21605	7n2p	4may 1.139989260
## 21606	7n2q	4may 1.130265057
## 21607	8cx4	4may 0.810919448
## 21608	8VCX	4may 2.576279630
## 21609	8VCY	4may 1.065121349
## 21610	8VD0	4may 0.623949837
## 21611	8VD2	4may 1.016925075
## 21612	6XCP	4may 3.131780079
## 21613	6XC0	4may 0.401777422
## 21614	6XC9	4may 1.157205983
## 21615	1ao7	4p4k 0.971234726
## 21616	1bd2	4p4k 0.747590654
## 21617	1fyt	4p4k 0.828980843
## 21618	1j8h	4p4k 0.850888853
## 21619	1mi5	4p4k 0.752970300
## 21620	1oga	4p4k 0.888499698
## 21621	1qrn	4p4k 0.971823120
## 21622	1qse	4p4k 0.955780237
## 21623	1qsf	4p4k 0.965971509
## 21624	1zgl	4p4k 0.797705346
## 21625	2ak4	4p4k 0.652123231
## 21626	2bnq	4p4k 0.754501244
## 21627	2bnr	4p4k 0.756057817

## 21628	2esv	4p4k 1.006789771
## 21629	2f53	4p4k 0.783946115
## 21630	2f54	4p4k 0.912641153
## 21631	2gj6	4p4k 0.909422536
## 21632	2iam	4p4k 2.128418521
## 21633	2ian	4p4k 0.651990535
## 21634	2nx5	4p4k 0.578771247
## 21635	2p5e	4p4k 0.781798836
## 21636	2p5w	4p4k 0.783243796
## 21637	2pye	4p4k 0.838580479
## 21638	2vlj	4p4k 0.927775967
## 21639	2vlk	4p4k 1.382525141
## 21640	2vlr	4p4k 0.670212431
## 21641	2xn9	4p4k 0.780727351
## 21642	2yp1	4p4k 0.812566300
## 21643	3d39	4p4k 0.646490278
## 21644	3d3v	4p4k 0.895602769
## 21645	3dxa	4p4k 0.822967325
## 21646	3ffc	4p4k 0.952736168
## 21647	3gsn	4p4k 0.665030603
## 21648	3h9s	4p4k 0.646192601
## 21649	3hg1	4p4k 0.676367627
## 21650	3kpr	4p4k 0.567038837
## 21651	3kps	4p4k 0.854611096
## 21652	3kxf	4p4k 0.685847257
## 21653	3mv7	4p4k 1.035129259
## 21654	3mv8	4p4k 0.584649611
## 21655	3mv9	4p4k 1.079671623
## 21656	3o41	4p4k 0.656746220
## 21657	3pwp	4p4k 0.646673469
## 21658	3qdg	4p4k 0.929260241
## 21659	3qdj	4p4k 0.929018867
## 21660	3qdm	4p4k 1.324889396
## 21661	3qeq	4p4k 0.632920077
## 21662	3qfj	4p4k 0.663401685
## 21663	3sjv	4p4k 0.680509402
## 21664	3uts	4p4k 0.689569102
## 21665	3utt	4p4k 0.785916321
## 21666	3vxm	4p4k 0.810577280
## 21667	3vxr	4p4k 0.861320362
## 21668	3vxs	4p4k 0.912764369
## 21669	4c56	4p4k 0.461124121
## 21670	4e41	4p4k 2.831503513
## 21671	4eup	4p4k 0.684289464
## 21672	4ftv	4p4k 0.844564453
## 21673	4g8g	4p4k 1.094837450
## 21674	4g9f	4p4k 0.688729838
## 21675	4gg6	4p4k 0.903481938
## 21676	4jfd	4p4k 0.676975250
## 21677	4jfe	4p4k 0.675757222
## 21678	4jff	4p4k 0.675220588
## 21679	4jrx	4p4k 0.770649289
## 21680	4jry	4p4k 0.962616598
## 21681	4l3e	4p4k 0.844352074

## 21682	4mji	4p4k 1.446275277
## 21683	4mnq	4p4k 0.933243277
## 21684	4ozf	4p4k 0.824809106
## 21685	4ozg	4p4k 2.308489820
## 21686	4ozh	4p4k 1.613501225
## 21687	4ozi	4p4k 2.299467252
## 21688	4prh	4p4k 0.885850250
## 21689	4pri	4p4k 0.790079928
## 21690	4prp	4p4k 0.871400925
## 21691	4qok	4p4k 0.742141462
## 21692	4qrp	4p4k 0.780881571
## 21693	4y19	4p4k 1.207248603
## 21694	4y1a	4p4k 0.908139599
## 21695	4z7u	4p4k 1.188860561
## 21696	4z7v	4p4k 0.891344731
## 21697	4z7w	4p4k 0.664573726
## 21698	5d2l	4p4k 0.734827118
## 21699	5d2n	4p4k 0.635142405
## 21700	1lp9	4p4k 0.628672913
## 21701	1ymm	4p4k 0.944255821
## 21702	2j8u	4p4k 0.630434889
## 21703	2jcc	4p4k 0.629673186
## 21704	2uwe	4p4k 0.629443579
## 21705	2wbj	4p4k 0.706020238
## 21706	3gjf	4p4k 0.652944211
## 21707	3hae	4p4k 0.767092045
## 21708	3nfj	4p4k 0.646427349
## 21709	3o6f	4p4k 0.648617463
## 21710	3p16	4p4k 0.806976403
## 21711	3t0e	4p4k 0.740281734
## 21712	4euq	4p4k 0.974712891
## 21713	4grl	4p4k 0.524490470
## 21714	4h1l	4p4k 0.953988765
## 21715	4may	4p4k 0.880503470
## 21716	4p4k	4p4k 0.000000000
## 21717	4qrr	4p4k 0.743024718
## 21718	4wuu	4p4k 0.855994974
## 21719	4zez	4p4k 0.973249914
## 21720	5brz	4p4k 1.620331257
## 21721	5bs0	4p4k 2.217329990
## 21722	5c07	4p4k 0.683950631
## 21723	5c08	4p4k 0.811097901
## 21724	5c09	4p4k 0.789444092
## 21725	5c0a	4p4k 0.895574873
## 21726	5c0b	4p4k 0.760532188
## 21727	5c0c	4p4k 1.013346921
## 21728	5e6i	4p4k 0.805726838
## 21729	5e9d	4p4k 0.749168567
## 21730	5eu6	4p4k 0.738743197
## 21731	5euo	4p4k 5.105217117
## 21732	5hhm	4p4k 0.869498646
## 21733	5hho	4p4k 0.775196326
## 21734	5hyj	4p4k 0.636947118
## 21735	5isz	4p4k 0.882907571

## 21736	5jhd	4p4k 0.855140952
## 21737	5jzi	4p4k 0.972615921
## 21738	5ks9	4p4k 1.042035993
## 21739	5ksa	4p4k 0.717038972
## 21740	5ksb	4p4k 0.672733993
## 21741	5men	4p4k 0.933116206
## 21742	5nht	4p4k 0.882623215
## 21743	5nme	4p4k 0.825744441
## 21744	5nmf	4p4k 0.712180138
## 21745	5nmg	4p4k 0.594431677
## 21746	5nqk	4p4k 0.890038878
## 21747	5tez	4p4k 2.506413966
## 21748	5w1v	4p4k 2.154202457
## 21749	5w1w	4p4k 2.343395247
## 21750	5wkf	4p4k 0.747558388
## 21751	5wkh	4p4k 0.464545788
## 21752	5xot	4p4k 0.914995482
## 21753	5xov	4p4k 0.646427349
## 21754	5yxn	4p4k 0.712590759
## 21755	5yxu	4p4k 0.735646803
## 21756	6am5	4p4k 0.853186810
## 21757	6amu	4p4k 0.758689082
## 21758	6avf	4p4k 1.308780287
## 21759	6avg	4p4k 0.829660236
## 21760	6bj2	4p4k 1.089209459
## 21761	6bj3	4p4k 0.898063389
## 21762	6bj8	4p4k 0.899616713
## 21763	6cql	4p4k 0.711164858
## 21764	6cqn	4p4k 1.805094804
## 21765	6cqq	4p4k 1.192806350
## 21766	6cqr	4p4k 0.775214718
## 21767	6d78	4p4k 0.847916133
## 21768	6dfx	4p4k 2.167784234
## 21769	6dkp	4p4k 0.837786385
## 21770	6dx f	4p4k 1.418898605
## 21771	6eqa	4p4k 0.678255239
## 21772	6eqb	4p4k 0.675232879
## 21773	6mtm	4p4k 0.723217194
## 21774	6p64	4p4k 1.947064886
## 21775	6px6	4p4k 0.815255693
## 21776	6py2	4p4k 0.688147752
## 21777	6q3s	4p4k 0.730159338
## 21778	6r2l	4p4k 0.788962589
## 21779	6rp9	4p4k 0.706069621
## 21780	6rpa	4p4k 0.845324654
## 21781	6rpb	4p4k 0.717100214
## 21782	6rsy	4p4k 0.588917412
## 21783	6tmo	4p4k 0.796923375
## 21784	6tro	4p4k 1.113930161
## 21785	6u3n	4p4k 0.684824340
## 21786	6u3o	4p4k 1.412672905
## 21787	6uon	4p4k 0.658797242
## 21788	6vm7	4p4k 0.760995145
## 21789	6vm8	4p4k 0.775086816

## 21790	6vma	4p4k 0.900777613
## 21791	6vmc	4p4k 0.848133594
## 21792	6vmx	4p4k 0.911259829
## 21793	6vqo	4p4k 0.686687650
## 21794	6vrm	4p4k 1.237643379
## 21795	6vrn	4p4k 0.713086538
## 21796	7n1e	4p4k 0.694088732
## 21797	7n1f	4p4k 0.819291593
## 21798	7n6e	4p4k 0.686480453
## 21799	6xc9	4p4k 0.756264819
## 21800	6xco	4p4k 0.890174934
## 21801	6xcp	4p4k 1.982428595
## 21802	6zkw	4p4k 0.853915945
## 21803	6zkk	4p4k 0.766747826
## 21804	6zky	4p4k 0.853743762
## 21805	6zkz	4p4k 0.935659596
## 21806	7dzm	4p4k 0.963451966
## 21807	7dzn	4p4k 0.720029452
## 21808	7rm4	4p4k 0.840388108
## 21809	7rtr	4p4k 0.782418650
## 21810	7l1d	4p4k 0.886764607
## 21811	7sg0	4p4k 1.157384506
## 21812	7sg1	4p4k 0.870390398
## 21813	7sg2	4p4k 0.869198755
## 21814	7rrg	4p4k 0.730802296
## 21815	7n2s	4p4k 0.647759747
## 21816	7n2n	4p4k 0.654136548
## 21817	7n2o	4p4k 0.809087041
## 21818	7n2r	4p4k 0.855150719
## 21819	7n2p	4p4k 0.752366860
## 21820	7n2q	4p4k 0.732859721
## 21821	8cx4	4p4k 0.761241826
## 21822	8VCX	4p4k 1.791179031
## 21823	8VCY	4p4k 0.525717850
## 21824	8VD0	4p4k 0.684767488
## 21825	8VD2	4p4k 0.944349626
## 21826	6XCP	4p4k 1.981691155
## 21827	6XC0	4p4k 0.890153290
## 21828	6XC9	4p4k 0.755884068
## 21829	1ao7	4qrr 1.224040629
## 21830	1bd2	4qrr 0.719879605
## 21831	1fyt	4qrr 0.864942663
## 21832	1j8h	4qrr 1.303441761
## 21833	1mi5	4qrr 0.732949984
## 21834	1oga	4qrr 0.801630587
## 21835	1qrn	4qrr 1.303272516
## 21836	1qse	4qrr 1.621554517
## 21837	1qsf	4qrr 1.292709988
## 21838	1zgl	4qrr 1.090497567
## 21839	2ak4	4qrr 0.787537759
## 21840	2bnq	4qrr 1.226043373
## 21841	2bnr	4qrr 1.157538171
## 21842	2esv	4qrr 1.103922784
## 21843	2f53	4qrr 0.907678037

## 21844	2f54	4qrr 1.573651767
## 21845	2gj6	4qrr 1.375676138
## 21846	2iam	4qrr 3.063249743
## 21847	2ian	4qrr 0.797688024
## 21848	2nx5	4qrr 0.844222002
## 21849	2p5e	4qrr 0.903649497
## 21850	2p5w	4qrr 0.906949127
## 21851	2pye	4qrr 0.910723090
## 21852	2vlj	4qrr 1.306735196
## 21853	2vlk	4qrr 1.849394204
## 21854	2vlr	4qrr 1.011208680
## 21855	2xn9	4qrr 0.978760644
## 21856	2yp1	4qrr 1.249367822
## 21857	3d39	4qrr 0.611093868
## 21858	3d3v	4qrr 0.911371205
## 21859	3dxa	4qrr 1.070987629
## 21860	3ffc	4qrr 0.901510946
## 21861	3gsn	4qrr 0.885403714
## 21862	3h9s	4qrr 0.606976270
## 21863	3hg1	4qrr 0.924920671
## 21864	3kpr	4qrr 0.905599683
## 21865	3kps	4qrr 0.862845721
## 21866	3kxf	4qrr 0.823313453
## 21867	3mv7	4qrr 1.158779068
## 21868	3mv8	4qrr 0.661811920
## 21869	3mv9	4qrr 1.307437085
## 21870	3o4l	4qrr 0.851108217
## 21871	3pwp	4qrr 0.612180702
## 21872	3qdg	4qrr 1.679185690
## 21873	3qdj	4qrr 1.678917022
## 21874	3qdm	4qrr 2.322819638
## 21875	3qeq	4qrr 0.997813535
## 21876	3qfj	4qrr 0.984265796
## 21877	3sjv	4qrr 1.024832005
## 21878	3uts	4qrr 1.225561142
## 21879	3utt	4qrr 0.780766810
## 21880	3vxm	4qrr 1.030610291
## 21881	3vxr	4qrr 0.607706431
## 21882	3vxs	4qrr 1.098521459
## 21883	4c56	4qrr 0.713910494
## 21884	4e41	4qrr 4.254172344
## 21885	4eup	4qrr 1.008660828
## 21886	4ftv	4qrr 0.836252172
## 21887	4g8g	4qrr 0.868758520
## 21888	4g9f	4qrr 0.887212720
## 21889	4gg6	4qrr 0.864797836
## 21890	4jfd	4qrr 0.936031269
## 21891	4jfe	4qrr 0.933996805
## 21892	4jff	4qrr 0.931852237
## 21893	4jrx	4qrr 0.793938311
## 21894	4jry	4qrr 1.085187992
## 21895	4l3e	4qrr 1.053704116
## 21896	4mji	4qrr 1.691384314
## 21897	4mnq	4qrr 0.904413337

## 21898	4ozf	4qrr 1.306434806
## 21899	4ozg	4qrr 3.492123722
## 21900	4ozh	4qrr 2.458270703
## 21901	4ozi	4qrr 3.421704255
## 21902	4prh	4qrr 0.778239369
## 21903	4pri	4qrr 0.601765493
## 21904	4prp	4qrr 0.804586404
## 21905	4qok	4qrr 0.964308029
## 21906	4qrp	4qrr 0.943573781
## 21907	4y19	4qrr 1.211347858
## 21908	4y1a	4qrr 0.940784827
## 21909	4z7u	4qrr 1.772845387
## 21910	4z7v	4qrr 1.229169067
## 21911	4z7w	4qrr 0.742693806
## 21912	5d2l	4qrr 0.941526502
## 21913	5d2n	4qrr 0.931365389
## 21914	1lp9	4qrr 0.697412252
## 21915	1ymm	4qrr 0.926798678
## 21916	2j8u	4qrr 0.700087740
## 21917	2jcc	4qrr 0.700742084
## 21918	2uwe	4qrr 0.698695219
## 21919	2wbj	4qrr 0.928871708
## 21920	3gjf	4qrr 0.880947560
## 21921	3hae	4qrr 1.138069603
## 21922	3nfj	4qrr 0.841955213
## 21923	3o6f	4qrr 0.876348025
## 21924	3p16	4qrr 0.839983124
## 21925	3t0e	4qrr 0.677890607
## 21926	4euq	4qrr 0.967267750
## 21927	4grl	4qrr 0.838656557
## 21928	4h1l	4qrr 1.161978354
## 21929	4may	4qrr 0.542827480
## 21930	4p4k	4qrr 0.743024718
## 21931	4qrr	4qrr 0.000000000
## 21932	4wuu	4qrr 1.249781081
## 21933	4zez	4qrr 1.153138102
## 21934	5brz	4qrr 2.614654309
## 21935	5bs0	4qrr 3.541671801
## 21936	5c07	4qrr 1.136606599
## 21937	5c08	4qrr 1.167660554
## 21938	5c09	4qrr 0.787802190
## 21939	5c0a	4qrr 1.451138699
## 21940	5c0b	4qrr 0.788870822
## 21941	5c0c	4qrr 1.587332590
## 21942	5e6i	4qrr 1.255364528
## 21943	5e9d	4qrr 1.017771988
## 21944	5eu6	4qrr 0.772673233
## 21945	5euo	4qrr 7.423923126
## 21946	5hhm	4qrr 1.304129200
## 21947	5hho	4qrr 1.029628534
## 21948	5hyj	4qrr 1.147318800
## 21949	5isz	4qrr 1.441116876
## 21950	5jhd	4qrr 1.138688921
## 21951	5jzi	4qrr 1.152339559

## 21952	5ks9	4qrr 1.107756432
## 21953	5ksa	4qrr 0.687057064
## 21954	5ksb	4qrr 0.665980375
## 21955	5men	4qrr 0.906867782
## 21956	5nht	4qrr 1.337742179
## 21957	5nme	4qrr 1.237924576
## 21958	5nmf	4qrr 1.069582239
## 21959	5nmg	4qrr 0.835180421
## 21960	5nqk	4qrr 1.344758285
## 21961	5tez	4qrr 3.989511893
## 21962	5w1v	4qrr 3.203999350
## 21963	5w1w	4qrr 3.312013926
## 21964	5wkf	4qrr 0.763765221
## 21965	5wkh	4qrr 0.567499140
## 21966	5xot	4qrr 0.686022597
## 21967	5xov	4qrr 0.841955213
## 21968	5yxn	4qrr 0.692198714
## 21969	5yxu	4qrr 1.074163743
## 21970	6am5	4qrr 1.059167487
## 21971	6amu	4qrr 0.905439080
## 21972	6avf	4qrr 1.778649856
## 21973	6avg	4qrr 0.974023971
## 21974	6bj2	4qrr 1.796122152
## 21975	6bj3	4qrr 0.650677146
## 21976	6bj8	4qrr 0.651743082
## 21977	6cql	4qrr 0.552638590
## 21978	6cqn	4qrr 2.584814521
## 21979	6cqq	4qrr 1.931072737
## 21980	6cqr	4qrr 0.697286242
## 21981	6d78	4qrr 1.043360952
## 21982	6dfx	4qrr 3.186720330
## 21983	6dkp	4qrr 1.038933438
## 21984	6dxf	4qrr 2.338832773
## 21985	6eqa	4qrr 0.926761091
## 21986	6eqb	4qrr 0.933552675
## 21987	6mtm	4qrr 0.805747567
## 21988	6p64	4qrr 2.892431683
## 21989	6px6	4qrr 0.738474493
## 21990	6py2	4qrr 0.723833610
## 21991	6q3s	4qrr 0.713317635
## 21992	6r2l	4qrr 0.957316279
## 21993	6rp9	4qrr 0.941580809
## 21994	6rpa	4qrr 0.914928062
## 21995	6rpb	4qrr 1.109925468
## 21996	6rsy	4qrr 0.936263757
## 21997	6tmo	4qrr 1.179422045
## 21998	6tro	4qrr 1.519692504
## 21999	6u3n	4qrr 0.551435870
## 22000	6u3o	4qrr 2.109986802
## 22001	6uon	4qrr 1.125188137
## 22002	6vm7	4qrr 0.828694954
## 22003	6vm8	4qrr 0.779224933
## 22004	6vma	4qrr 1.103355158
## 22005	6vmc	4qrr 1.172138513

## 22006	6vmx	4qrr 1.139371115
## 22007	6vqo	4qrr 0.876039523
## 22008	6vrm	4qrr 2.003381461
## 22009	6vrn	4qrr 0.679405498
## 22010	7n1e	4qrr 0.841293107
## 22011	7n1f	4qrr 0.772718473
## 22012	7n6e	4qrr 0.938124210
## 22013	6xc9	4qrr 1.146742627
## 22014	6xco	4qrr 0.536925123
## 22015	6xcp	4qrr 3.012802994
## 22016	6zkw	4qrr 0.830411462
## 22017	6zkk	4qrr 0.824167736
## 22018	6zky	4qrr 0.828431005
## 22019	6zkz	4qrr 1.053581490
## 22020	7dzm	4qrr 1.212911503
## 22021	7dzn	4qrr 0.794333571
## 22022	7rm4	4qrr 1.257875590
## 22023	7rtr	4qrr 1.003777327
## 22024	7l1d	4qrr 0.915636640
## 22025	7sg0	4qrr 1.579220016
## 22026	7sg1	4qrr 1.049349492
## 22027	7sg2	4qrr 1.044290344
## 22028	7rrg	4qrr 1.062824318
## 22029	7n2s	4qrr 0.965525835
## 22030	7n2n	4qrr 0.991718774
## 22031	7n2o	4qrr 1.013850806
## 22032	7n2r	4qrr 1.136465383
## 22033	7n2p	4qrr 0.927589445
## 22034	7n2q	4qrr 1.075754188
## 22035	8cx4	4qrr 0.771424494
## 22036	8VCX	4qrr 2.505385573
## 22037	8VCY	4qrr 0.844500304
## 22038	8VD0	4qrr 0.720779100
## 22039	8VD2	4qrr 1.123080072
## 22040	6XCP	4qrr 3.013035836
## 22041	6XC0	4qrr 0.538735858
## 22042	6XC9	4qrr 1.148243133
## 22043	1ao7	4wuu 1.539299367
## 22044	1bd2	4wuu 1.117865710
## 22045	1fyt	4wuu 1.349768126
## 22046	1j8h	4wuu 1.483449721
## 22047	1mi5	4wuu 1.214286106
## 22048	1oga	4wuu 1.026053871
## 22049	1qrn	4wuu 1.584630247
## 22050	1qse	4wuu 1.273408962
## 22051	1qsf	4wuu 1.577443749
## 22052	1zgl	4wuu 1.008756263
## 22053	2ak4	4wuu 0.935503705
## 22054	2bnq	4wuu 0.687857806
## 22055	2bnr	4wuu 0.466817109
## 22056	2esv	4wuu 1.498406608
## 22057	2f53	4wuu 0.974650435
## 22058	2f54	4wuu 1.297799295
## 22059	2gj6	4wuu 1.368464983

## 22060	2iam	4wu 3.573249811
## 22061	2ian	4wu 0.945869969
## 22062	2nx5	4wu 0.818821540
## 22063	2p5e	4wu 0.970199568
## 22064	2p5w	4wu 0.972490450
## 22065	2pye	4wu 0.928390614
## 22066	2vlj	4wu 0.968591032
## 22067	2vlk	4wu 2.253296750
## 22068	2vlr	4wu 0.931509662
## 22069	2xn9	4wu 0.895497072
## 22070	2yp1	4wu 0.538410642
## 22071	3d39	4wu 0.952215903
## 22072	3d3v	4wu 1.006261610
## 22073	3dxa	4wu 1.082830984
## 22074	3ffc	4wu 1.419982967
## 22075	3gsn	4wu 0.737272993
## 22076	3h9s	4wu 0.953249692
## 22077	3hg1	4wu 0.979104674
## 22078	3kpr	4wu 0.705457616
## 22079	3kps	4wu 0.916998390
## 22080	3kxf	4wu 0.915962903
## 22081	3mv7	4wu 0.976280668
## 22082	3mv8	4wu 1.190111162
## 22083	3mv9	4wu 1.219812587
## 22084	3o41	4wu 1.343463355
## 22085	3pwp	4wu 0.951970580
## 22086	3qdg	4wu 1.163311912
## 22087	3qdj	4wu 1.164270671
## 22088	3qdm	4wu 1.683917157
## 22089	3qeq	4wu 0.806001368
## 22090	3qfj	4wu 0.843742314
## 22091	3sjv	4wu 0.938569506
## 22092	3uts	4wu 1.173276981
## 22093	3utt	4wu 0.874991594
## 22094	3vxm	4wu 0.891854631
## 22095	3vxr	4wu 1.096840873
## 22096	3vxs	4wu 0.835472765
## 22097	4c56	4wu 0.635627666
## 22098	4e41	4wu 4.286792320
## 22099	4eup	4wu 0.710077881
## 22100	4ftv	4wu 1.027717865
## 22101	4g8g	4wu 1.391727196
## 22102	4g9f	4wu 0.854517256
## 22103	4gg6	4wu 1.366847351
## 22104	4jfd	4wu 0.983409282
## 22105	4jfe	4wu 0.981134037
## 22106	4jff	4wu 0.981457525
## 22107	4jrx	4wu 0.960414701
## 22108	4jry	4wu 0.771291362
## 22109	4l3e	4wu 0.696218885
## 22110	4mji	4wu 2.006076421
## 22111	4mnq	4wu 1.273468738
## 22112	4ozf	4wu 1.028850493
## 22113	4ozg	4wu 3.350605982

## 22114	4ozh	4wu 2.119112572
## 22115	4ozi	4wu 3.387762057
## 22116	4prh	4wu 1.049616410
## 22117	4pri	4wu 1.387010507
## 22118	4prp	4wu 1.028283105
## 22119	4qok	4wu 1.354328100
## 22120	4qrp	4wu 0.839183677
## 22121	4y19	4wu 1.189426006
## 22122	4y1a	4wu 1.081777886
## 22123	4z7u	4wu 1.722464904
## 22124	4z7v	4wu 1.404966075
## 22125	4z7w	4wu 0.907910635
## 22126	5d2l	4wu 1.167130146
## 22127	5d2n	4wu 0.540463896
## 22128	1lp9	4wu 0.970247564
## 22129	lymm	4wu 1.224812722
## 22130	2j8u	4wu 0.969812906
## 22131	2jcc	4wu 0.971073271
## 22132	2uwe	4wu 0.969451715
## 22133	2wbj	4wu 1.109241192
## 22134	3gjf	4wu 0.842780579
## 22135	3hae	4wu 1.096844481
## 22136	3nfj	4wu 0.851780278
## 22137	3o6f	4wu 0.796719081
## 22138	3p16	4wu 1.353521195
## 22139	3t0e	4wu 1.170446059
## 22140	4euq	4wu 1.256293099
## 22141	4grl	4wu 0.906716705
## 22142	4h1l	4wu 1.435549942
## 22143	4may	4wu 1.326064375
## 22144	4p4k	4wu 0.855994974
## 22145	4qrr	4wu 1.249781081
## 22146	4wu	4wu 0.000000000
## 22147	4zez	4wu 1.305092839
## 22148	5brz	4wu 2.324814977
## 22149	5bs0	4wu 3.029559666
## 22150	5c07	4wu 1.075584899
## 22151	5c08	4wu 0.612769836
## 22152	5c09	4wu 0.883024198
## 22153	5c0a	4wu 1.500345587
## 22154	5c0b	4wu 1.388764861
## 22155	5c0c	4wu 1.121595982
## 22156	5e6i	4wu 1.234777357
## 22157	5e9d	4wu 0.784850475
## 22158	5eu6	4wu 1.201565187
## 22159	5euo	4wu 7.283383699
## 22160	5hbm	4wu 1.480212866
## 22161	5hho	4wu 0.924630334
## 22162	5hyj	4wu 0.976485472
## 22163	5isz	4wu 0.833916892
## 22164	5jhd	4wu 1.341187145
## 22165	5jzi	4wu 1.304256764
## 22166	5ks9	4wu 1.515829167
## 22167	5ksa	4wu 0.815620859

## 22168	5ksb	4wuu 0.844383200
## 22169	5men	4wuu 1.271327504
## 22170	5nht	4wuu 0.568573486
## 22171	5nme	4wuu 1.330813100
## 22172	5nmf	4wuu 1.039354211
## 22173	5nmg	4wuu 0.895142554
## 22174	5nqk	4wuu 0.570840859
## 22175	5tez	4wuu 3.313698287
## 22176	5w1v	4wuu 3.180471400
## 22177	5w1w	4wuu 3.417137200
## 22178	5wkf	4wuu 0.910051344
## 22179	5wkh	4wuu 0.927634021
## 22180	5xot	4wuu 1.168444980
## 22181	5xov	4wuu 0.851780278
## 22182	5yxn	4wuu 0.986292617
## 22183	5yxu	4wuu 0.742755374
## 22184	6am5	4wuu 0.699487341
## 22185	6amu	4wuu 0.846108294
## 22186	6avf	4wuu 1.488202450
## 22187	6avg	4wuu 0.905370280
## 22188	6bj2	4wuu 1.687469375
## 22189	6bj3	4wuu 1.397040506
## 22190	6bj8	4wuu 1.402482957
## 22191	6cql	4wuu 1.285138759
## 22192	6cqn	4wuu 3.228100171
## 22193	6cqq	4wuu 1.566905150
## 22194	6cqr	4wuu 1.024971787
## 22195	6d78	4wuu 0.722529124
## 22196	6dfx	4wuu 3.221950733
## 22197	6dkp	4wuu 0.707008910
## 22198	6dxg	4wuu 1.989065741
## 22199	6eqa	4wuu 0.984712206
## 22200	6eqb	4wuu 0.980234887
## 22201	6mtm	4wuu 0.794967905
## 22202	6p64	4wuu 2.957013882
## 22203	6px6	4wuu 1.048220258
## 22204	6py2	4wuu 1.349237680
## 22205	6q3s	4wuu 1.066782090
## 22206	6r2l	4wuu 1.147830989
## 22207	6rp9	4wuu 1.109976968
## 22208	6rpa	4wuu 0.740237443
## 22209	6rpb	4wuu 1.036715999
## 22210	6rsy	4wuu 0.797550512
## 22211	6tmo	4wuu 1.012296605
## 22212	6tro	4wuu 1.619052126
## 22213	6u3n	4wuu 1.175437534
## 22214	6u3o	4wuu 1.771097040
## 22215	6uon	4wuu 0.960297788
## 22216	6vm7	4wuu 0.917115036
## 22217	6vm8	4wuu 0.869649933
## 22218	6vma	4wuu 1.116541757
## 22219	6vmc	4wuu 1.451944103
## 22220	6vmx	4wuu 1.029886647
## 22221	6vqo	4wuu 0.967243690

## 22222	6vrm	4wu	1.803255212
## 22223	6vrn	4wu	0.906067541
## 22224	7n1e	4wu	1.183044494
## 22225	7n1f	4wu	1.028925548
## 22226	7n6e	4wu	0.835234878
## 22227	6xc9	4wu	0.924933685
## 22228	6xco	4wu	1.368597647
## 22229	6xcp	4wu	3.330304306
## 22230	6zkw	4wu	0.952796800
## 22231	6zkk	4wu	0.997739855
## 22232	6zky	4wu	0.954275515
## 22233	6zkk	4wu	0.741679915
## 22234	7dzm	4wu	1.732834847
## 22235	7dzn	4wu	1.139135005
## 22236	7rm4	4wu	1.164082351
## 22237	7rtr	4wu	0.929277676
## 22238	7l1d	4wu	0.992659503
## 22239	7sg0	4wu	1.200691090
## 22240	7sg1	4wu	1.131141503
## 22241	7sg2	4wu	1.111723411
## 22242	7rrg	4wu	0.928690501
## 22243	7n2s	4wu	0.890050590
## 22244	7n2n	4wu	0.867899850
## 22245	7n2o	4wu	0.861352546
## 22246	7n2r	4wu	0.976304205
## 22247	7n2p	4wu	0.697622123
## 22248	7n2q	4wu	0.865825617
## 22249	8cx4	4wu	0.929619457
## 22250	8VCX	4wu	2.995487446
## 22251	8VCY	4wu	0.900802093
## 22252	8VD0	4wu	1.010451103
## 22253	8VD2	4wu	1.195869357
## 22254	6XCP	4wu	3.330381130
## 22255	6XC0	4wu	1.367880478
## 22256	6XC9	4wu	0.922738466
## 22257	1ao7	4zez	1.659677848
## 22258	1bd2	4zez	1.133649944
## 22259	1fyt	4zez	1.408363795
## 22260	1j8h	4zez	1.616826599
## 22261	1mi5	4zez	1.306427203
## 22262	1oga	4zez	1.329350528
## 22263	1qrn	4zez	1.628720952
## 22264	1qse	4zez	1.700821321
## 22265	1qsf	4zez	1.626120343
## 22266	1zgl	4zez	1.007708576
## 22267	2ak4	4zez	0.729949753
## 22268	2bnq	4zez	1.432921400
## 22269	2bnr	4zez	1.307365654
## 22270	2esv	4zez	1.559190713
## 22271	2f53	4zez	1.295542353
## 22272	2f54	4zez	1.159472751
## 22273	2gj6	4zez	1.621515882
## 22274	2iam	4zez	2.201507500
## 22275	2ian	4zez	0.925104551

## 22276	2nx5	4zez 0.791911870
## 22277	2p5e	4zez 1.290115245
## 22278	2p5w	4zez 1.291932033
## 22279	2pye	4zez 1.181601986
## 22280	2vlj	4zez 1.353129920
## 22281	2vlk	4zez 1.956226469
## 22282	2vlr	4zez 0.981970064
## 22283	2xn9	4zez 1.267288139
## 22284	2yp1	4zez 1.385842323
## 22285	3d39	4zez 1.293056867
## 22286	3d3v	4zez 1.361100140
## 22287	3dxa	4zez 0.676138403
## 22288	3ffc	4zez 1.016744214
## 22289	3gsn	4zez 1.251285197
## 22290	3h9s	4zez 1.292297953
## 22291	3hg1	4zez 1.392386477
## 22292	3kpr	4zez 1.010526012
## 22293	3kps	4zez 1.258106519
## 22294	3kxf	4zez 0.822440376
## 22295	3mv7	4zez 1.407647260
## 22296	3mv8	4zez 1.177257551
## 22297	3mv9	4zez 1.579327392
## 22298	3o4l	4zez 1.248067089
## 22299	3pwp	4zez 1.293326731
## 22300	3qdg	4zez 1.630835083
## 22301	3qdj	4zez 1.631698635
## 22302	3qdm	4zez 1.828219180
## 22303	3qeq	4zez 1.258187042
## 22304	3qfj	4zez 1.343728803
## 22305	3sjv	4zez 0.8911111780
## 22306	3uts	4zez 1.193814980
## 22307	3utt	4zez 1.028734107
## 22308	3vxm	4zez 1.199343084
## 22309	3vxr	4zez 1.142709222
## 22310	3vxs	4zez 1.233788585
## 22311	4c56	4zez 0.880932691
## 22312	4e41	4zez 3.387438191
## 22313	4eup	4zez 1.094433129
## 22314	4ftv	4zez 1.176954444
## 22315	4g8g	4zez 1.222048072
## 22316	4g9f	4zez 1.293186055
## 22317	4gg6	4zez 0.886938616
## 22318	4jfd	4zez 1.392888678
## 22319	4jfe	4zez 1.392091445
## 22320	4jff	4zez 1.391572235
## 22321	4jrx	4zez 1.209204401
## 22322	4jry	4zez 1.281698610
## 22323	4l3e	4zez 1.237133338
## 22324	4mji	4zez 1.649735505
## 22325	4mnq	4zez 1.376729534
## 22326	4ozf	4zez 1.225165477
## 22327	4ozg	4zez 2.743477433
## 22328	4ozh	4zez 1.822746698
## 22329	4ozi	4zez 2.799826056

## 22330	4prh	4zez 1.142920039
## 22331	4pri	4zez 1.138110896
## 22332	4prp	4zez 1.099962786
## 22333	4qok	4zez 1.457570435
## 22334	4qrp	4zez 1.069189160
## 22335	4y19	4zez 1.347153430
## 22336	4y1a	4zez 1.329323861
## 22337	4z7u	4zez 1.503882382
## 22338	4z7v	4zez 0.795097264
## 22339	4z7w	4zez 1.019020340
## 22340	5d2l	4zez 0.891570276
## 22341	5d2n	4zez 1.025351246
## 22342	1lp9	4zez 0.885629319
## 22343	1ymm	4zez 1.197682263
## 22344	2j8u	4zez 0.885427112
## 22345	2jcc	4zez 0.887008881
## 22346	2uwe	4zez 0.885651349
## 22347	2wbj	4zez 1.021904682
## 22348	3gjf	4zez 1.014915209
## 22349	3hae	4zez 0.936241000
## 22350	3nfj	4zez 0.904174204
## 22351	3o6f	4zez 1.058668153
## 22352	3pl6	4zez 1.279344046
## 22353	3t0e	4zez 0.931242830
## 22354	4euq	4zez 0.938848968
## 22355	4grl	4zez 1.224471220
## 22356	4h1l	4zez 0.850233761
## 22357	4may	4zez 1.190205546
## 22358	4p4k	4zez 0.973249914
## 22359	4qrr	4zez 1.153138102
## 22360	4wuu	4zez 1.305092839
## 22361	4zez	4zez 0.000000000
## 22362	5brz	4zez 2.209626473
## 22363	5bs0	4zez 2.660102440
## 22364	5c07	4zez 0.973426105
## 22365	5c08	4zez 1.105070134
## 22366	5c09	4zez 1.033840987
## 22367	5c0a	4zez 1.204804962
## 22368	5c0b	4zez 1.021378380
## 22369	5c0c	4zez 1.214991052
## 22370	5e6i	4zez 1.237412384
## 22371	5e9d	4zez 1.188189541
## 22372	5eu6	4zez 1.162395383
## 22373	5euo	4zez 5.537528860
## 22374	5hhm	4zez 1.316998965
## 22375	5hho	4zez 1.114753847
## 22376	5hyj	4zez 1.127020674
## 22377	5isz	4zez 1.565818944
## 22378	5jhd	4zez 1.077592618
## 22379	5jzi	4zez 0.049549068
## 22380	5ks9	4zez 1.284286329
## 22381	5ksa	4zez 1.177482687
## 22382	5ksb	4zez 0.795217187
## 22383	5men	4zez 1.376891187

## 22384	5nht	4zez 1.292850786
## 22385	5nme	4zez 1.317014360
## 22386	5nmf	4zez 1.074738792
## 22387	5nmg	4zez 0.868977828
## 22388	5nqk	4zez 1.298113153
## 22389	5tez	4zez 2.905756067
## 22390	5w1v	4zez 2.248683677
## 22391	5w1w	4zez 2.299423918
## 22392	5wkf	4zez 0.841663545
## 22393	5wkh	4zez 0.948856584
## 22394	5xot	4zez 1.149655693
## 22395	5xov	4zez 0.904174204
## 22396	5yxn	4zez 1.207540168
## 22397	5yxu	4zez 1.136126326
## 22398	6am5	4zez 1.243415927
## 22399	6amu	4zez 1.101458055
## 22400	6avf	4zez 1.370346382
## 22401	6avg	4zez 1.034881159
## 22402	6bj2	4zez 1.629611205
## 22403	6bj3	4zez 1.052262139
## 22404	6bj8	4zez 1.055712796
## 22405	6cql	4zez 1.166090506
## 22406	6cqn	4zez 2.001957851
## 22407	6cqq	4zez 1.467088905
## 22408	6cqr	4zez 0.755291797
## 22409	6d78	4zez 1.245719223
## 22410	6dfx	4zez 2.719465662
## 22411	6dkp	4zez 1.231282893
## 22412	6dxl	4zez 2.127328800
## 22413	6eqa	4zez 1.394935396
## 22414	6eqb	4zez 1.392477514
## 22415	6mtm	4zez 1.147330329
## 22416	6p64	4zez 2.411529615
## 22417	6px6	4zez 1.210290721
## 22418	6py2	4zez 1.307705520
## 22419	6q3s	4zez 1.340942048
## 22420	6r2l	4zez 1.094645807
## 22421	6rp9	4zez 0.861666314
## 22422	6rpa	4zez 1.203783747
## 22423	6rpb	4zez 0.898774858
## 22424	6rsy	4zez 1.137861844
## 22425	6tmo	4zez 1.152536485
## 22426	6tro	4zez 1.782787353
## 22427	6u3n	4zez 1.178590778
## 22428	6u3o	4zez 1.459084700
## 22429	6uon	4zez 1.156960016
## 22430	6vm7	4zez 1.188916990
## 22431	6vm8	4zez 1.151280945
## 22432	6vma	4zez 1.477761237
## 22433	6vmc	4zez 1.525860064
## 22434	6vmx	4zez 0.973746591
## 22435	6vqo	4zez 1.160244301
## 22436	6vrm	4zez 1.729484787
## 22437	6vrn	4zez 1.177598117

## 22438	7n1e	4zez 1.233914384
## 22439	7n1f	4zez 1.234597864
## 22440	7n6e	4zez 0.932760692
## 22441	6xc9	4zez 0.962738880
## 22442	6xco	4zez 1.108585706
## 22443	6xcp	4zez 2.216414196
## 22444	6zkw	4zez 1.315447580
## 22445	6zkk	4zez 1.408427530
## 22446	6zky	4zez 1.313781828
## 22447	6zkz	4zez 1.244466036
## 22448	7dzm	4zez 1.335254220
## 22449	7dzn	4zez 1.381488214
## 22450	7rm4	4zez 1.058457065
## 22451	7rtr	4zez 1.300457487
## 22452	7l1d	4zez 1.372006067
## 22453	7sg0	4zez 1.714899502
## 22454	7sg1	4zez 0.770102858
## 22455	7sg2	4zez 0.778238652
## 22456	7rrg	4zez 1.422523627
## 22457	7n2s	4zez 1.379246979
## 22458	7n2n	4zez 1.383325406
## 22459	7n2o	4zez 1.246295501
## 22460	7n2r	4zez 1.251383894
## 22461	7n2p	4zez 1.150544563
## 22462	7n2q	4zez 1.041795961
## 22463	8cx4	4zez 1.205245696
## 22464	8VCX	4zez 2.065125925
## 22465	8VCY	4zez 1.233652449
## 22466	8VD0	4zez 0.861954947
## 22467	8VD2	4zez 1.470811594
## 22468	6XCP	4zez 2.216759277
## 22469	6XC0	4zez 1.108511852
## 22470	6XC9	4zez 0.963217492
## 22471	1ao7	5brz 2.175874194
## 22472	1bd2	5brz 2.144371166
## 22473	1fyt	5brz 2.167412619
## 22474	1j8h	5brz 2.092368796
## 22475	1mi5	5brz 2.392003132
## 22476	1oga	5brz 2.394900540
## 22477	1qrn	5brz 2.000467668
## 22478	1qse	5brz 1.586091259
## 22479	1qsf	5brz 2.003823751
## 22480	1zgl	5brz 1.585364077
## 22481	2ak4	5brz 1.558042221
## 22482	2bnq	5brz 2.026308787
## 22483	2bnr	5brz 2.287451729
## 22484	2esv	5brz 2.175533033
## 22485	2f53	5brz 2.080089417
## 22486	2f54	5brz 1.269391445
## 22487	2gj6	5brz 1.990204223
## 22488	2iam	5brz 3.609087114
## 22489	2ian	5brz 1.609829275
## 22490	2nx5	5brz 1.293642405
## 22491	2p5e	5brz 2.088268687

## 22492	2p5w	5brz 2.086759584
## 22493	2pye	5brz 2.380226345
## 22494	2vlj	5brz 1.935003216
## 22495	2vlk	5brz 2.104084466
## 22496	2vlr	5brz 1.267522657
## 22497	2xn9	5brz 2.158610075
## 22498	2yp1	5brz 2.281809033
## 22499	3d39	5brz 2.252203363
## 22500	3d3v	5brz 2.281268261
## 22501	3dxa	5brz 1.581388074
## 22502	3ffc	5brz 2.485786073
## 22503	3gsn	5brz 2.046087351
## 22504	3h9s	5brz 2.254632305
## 22505	3hg1	5brz 1.928463520
## 22506	3kpr	5brz 1.662091702
## 22507	3kps	5brz 2.423220111
## 22508	3kxf	5brz 1.501917639
## 22509	3mv7	5brz 2.576450926
## 22510	3mv8	5brz 2.319951220
## 22511	3mv9	5brz 2.345889460
## 22512	3o41	5brz 2.143472390
## 22513	3pwp	5brz 2.252630588
## 22514	3qdg	5brz 1.417608654
## 22515	3qdj	5brz 1.417019534
## 22516	3qdm	5brz 1.596223152
## 22517	3qeq	5brz 1.956913355
## 22518	3qfj	5brz 1.888511427
## 22519	3sjv	5brz 1.047983660
## 22520	3uts	5brz 1.249237091
## 22521	3utt	5brz 2.009701105
## 22522	3vxm	5brz 2.112882825
## 22523	3vxr	5brz 2.845138521
## 22524	3vxs	5brz 2.390955283
## 22525	4c56	5brz 1.652165528
## 22526	4e41	5brz 3.731265600
## 22527	4eup	5brz 1.664050269
## 22528	4ftv	5brz 2.655726983
## 22529	4g8g	5brz 3.072941176
## 22530	4g9f	5brz 2.393434312
## 22531	4gg6	5brz 2.370082911
## 22532	4jfd	5brz 1.911067607
## 22533	4jfe	5brz 1.915055202
## 22534	4jff	5brz 1.917208737
## 22535	4jrx	5brz 2.093613772
## 22536	4jry	5brz 2.541521066
## 22537	4l3e	5brz 2.696705270
## 22538	4mji	5brz 2.829722244
## 22539	4mnq	5brz 2.416577368
## 22540	4ozf	5brz 2.316647782
## 22541	4ozg	5brz 2.492411250
## 22542	4ozh	5brz 2.228063002
## 22543	4ozi	5brz 2.750350445
## 22544	4prh	5brz 2.667887918
## 22545	4pri	5brz 2.555085994

## 22546	4prp	5brz 2.581083819
## 22547	4qok	5brz 2.220061616
## 22548	4qrp	5brz 1.765807269
## 22549	4y19	5brz 3.099211315
## 22550	4y1a	5brz 2.707348014
## 22551	4z7u	5brz 1.892932100
## 22552	4z7v	5brz 1.989341199
## 22553	4z7w	5brz 1.690689843
## 22554	5d2l	5brz 1.513346106
## 22555	5d2n	5brz 1.524583451
## 22556	1lp9	5brz 1.577695001
## 22557	1ymm	5brz 3.165347089
## 22558	2j8u	5brz 1.575489665
## 22559	2jcc	5brz 1.574999242
## 22560	2uwe	5brz 1.575760619
## 22561	2wbj	5brz 1.821631196
## 22562	3gjf	5brz 1.707244132
## 22563	3hae	5brz 1.340777122
## 22564	3nfj	5brz 1.609158244
## 22565	3o6f	5brz 1.602007358
## 22566	3pl6	5brz 2.613822352
## 22567	3t0e	5brz 2.301342903
## 22568	4euq	5brz 2.555830308
## 22569	4grl	5brz 2.225900324
## 22570	4h1l	5brz 2.381566559
## 22571	4may	5brz 2.695920140
## 22572	4p4k	5brz 1.620331257
## 22573	4qrr	5brz 2.614654309
## 22574	4wuu	5brz 2.324814977
## 22575	4zez	5brz 2.209626473
## 22576	5brz	5brz 0.000000000
## 22577	5bs0	5brz 1.392617735
## 22578	5c07	5brz 1.569242092
## 22579	5c08	5brz 1.530400042
## 22580	5c09	5brz 2.005210188
## 22581	5c0a	5brz 1.939136419
## 22582	5c0b	5brz 2.174421873
## 22583	5c0c	5brz 1.615967525
## 22584	5e6i	5brz 1.399418270
## 22585	5e9d	5brz 1.809157870
## 22586	5eu6	5brz 2.527147649
## 22587	5euo	5brz 6.388618894
## 22588	5hhm	5brz 1.725159656
## 22589	5hho	5brz 2.619039045
## 22590	5hyj	5brz 1.527717624
## 22591	5isz	5brz 1.842767320
## 22592	5jhd	5brz 1.686631054
## 22593	5jzi	5brz 2.209803306
## 22594	5ks9	5brz 2.372093322
## 22595	5ksa	5brz 2.579689178
## 22596	5ksb	5brz 1.869411948
## 22597	5men	5brz 2.416156938
## 22598	5nht	5brz 2.450126708
## 22599	5nme	5brz 1.521629342

## 22600	5nmf	5brz 1.112110548
## 22601	5nmg	5brz 1.834624063
## 22602	5nqk	5brz 2.462265667
## 22603	5tez	5brz 2.310761944
## 22604	5w1v	5brz 2.878052681
## 22605	5w1w	5brz 3.224540657
## 22606	5wkf	5brz 2.014716630
## 22607	5wkh	5brz 1.769874022
## 22608	5xot	5brz 2.810059714
## 22609	5xov	5brz 1.609158244
## 22610	5yxn	5brz 2.641160666
## 22611	5yxu	5brz 1.516174179
## 22612	6am5	5brz 2.715304759
## 22613	6amu	5brz 2.660171499
## 22614	6avf	5brz 3.005791064
## 22615	6avg	5brz 2.139739706
## 22616	6bj2	5brz 2.562618807
## 22617	6bj3	5brz 2.802710956
## 22618	6bj8	5brz 2.809164015
## 22619	6cql	5brz 2.754697797
## 22620	6cqn	5brz 3.383751220
## 22621	6cqq	5brz 1.938853060
## 22622	6cqr	5brz 1.789446177
## 22623	6d78	5brz 2.732036677
## 22624	6dfx	5brz 2.759147161
## 22625	6dkp	5brz 2.705248185
## 22626	6dxs	5brz 1.464395807
## 22627	6eqa	5brz 1.928582844
## 22628	6eqb	5brz 1.917388485
## 22629	6mtm	5brz 2.547512441
## 22630	6p64	5brz 2.308975851
## 22631	6px6	5brz 2.372879702
## 22632	6py2	5brz 2.250350148
## 22633	6q3s	5brz 2.561164550
## 22634	6r2l	5brz 2.078749569
## 22635	6rp9	5brz 1.807648227
## 22636	6rpa	5brz 2.445484982
## 22637	6rpb	5brz 1.124022801
## 22638	6rsy	5brz 1.637357750
## 22639	6tmo	5brz 2.002361163
## 22640	6tro	5brz 2.150944164
## 22641	6u3n	5brz 2.446950962
## 22642	6u3o	5brz 2.143025545
## 22643	6uon	5brz 1.468512510
## 22644	6vm7	5brz 2.627708118
## 22645	6vm8	5brz 2.587699237
## 22646	6vma	5brz 2.290963810
## 22647	6vmc	5brz 2.283241359
## 22648	6vmx	5brz 2.176191047
## 22649	6vqo	5brz 1.701965279
## 22650	6vrm	5brz 1.268797459
## 22651	6vrn	5brz 2.657995092
## 22652	7n1e	5brz 2.017234485
## 22653	7n1f	5brz 2.161813980

## 22654	7n6e	5brz 1.565692530
## 22655	6xc9	5brz 1.677927373
## 22656	6xco	5brz 2.788522121
## 22657	6xcp	5brz 2.974580954
## 22658	6zkw	5brz 2.581158417
## 22659	6zkk	5brz 2.485651429
## 22660	6zky	5brz 2.582402229
## 22661	6zkk	5brz 2.545122893
## 22662	7dzm	5brz 2.441581171
## 22663	7dzn	5brz 2.285709112
## 22664	7rm4	5brz 1.569891679
## 22665	7rtr	5brz 1.840437863
## 22666	7l1d	5brz 2.725388652
## 22667	7sg0	5brz 2.235412001
## 22668	7sg1	5brz 2.066999244
## 22669	7sg2	5brz 2.062285139
## 22670	7rrg	5brz 2.050316121
## 22671	7n2s	5brz 2.197349514
## 22672	7n2n	5brz 2.172862394
## 22673	7n2o	5brz 1.999318630
## 22674	7n2r	5brz 2.405888835
## 22675	7n2p	5brz 2.437719569
## 22676	7n2q	5brz 1.705802964
## 22677	8cx4	5brz 2.099289741
## 22678	8VCX	5brz 3.259829080
## 22679	8VCY	5brz 2.214604435
## 22680	8VD0	5brz 1.813781913
## 22681	8VD2	5brz 2.403067129
## 22682	6XCP	5brz 2.974752623
## 22683	6XC0	5brz 2.788197841
## 22684	6XC9	5brz 1.676461981
## 22685	1ao7	5bs0 3.417174061
## 22686	1bd2	5bs0 3.033340692
## 22687	1fyt	5bs0 3.256397002
## 22688	1j8h	5bs0 3.212129026
## 22689	1mi5	5bs0 3.457344940
## 22690	1oga	5bs0 3.377580089
## 22691	1qrn	5bs0 3.198634732
## 22692	1qse	5bs0 2.652965147
## 22693	1qsf	5bs0 3.199142215
## 22694	1zgl	5bs0 1.929189561
## 22695	2ak4	5bs0 1.939035100
## 22696	2bnq	5bs0 2.905089206
## 22697	2bnr	5bs0 3.029030602
## 22698	2esv	5bs0 3.361514962
## 22699	2f53	5bs0 2.996780620
## 22700	2f54	5bs0 1.514211944
## 22701	2gj6	5bs0 3.145668114
## 22702	2iam	5bs0 4.200144245
## 22703	2ian	5bs0 2.081637006
## 22704	2nx5	5bs0 1.647568449
## 22705	2p5e	5bs0 3.000030147
## 22706	2p5w	5bs0 2.999302047
## 22707	2pye	5bs0 3.142847261

## 22708	2vlj	5bs0 2.502585234
## 22709	2vlk	5bs0 3.452098201
## 22710	2vlr	5bs0 1.807447547
## 22711	2xn9	5bs0 2.977067212
## 22712	2yp1	5bs0 2.983118314
## 22713	3d39	5bs0 3.216408167
## 22714	3d3v	5bs0 3.282392051
## 22715	3dxa	5bs0 1.864151527
## 22716	3ffc	5bs0 3.166667600
## 22717	3gsn	5bs0 2.885397466
## 22718	3h9s	5bs0 3.218013379
## 22719	3hg1	5bs0 2.895481847
## 22720	3kpr	5bs0 2.101087007
## 22721	3kps	5bs0 3.233983375
## 22722	3kxf	5bs0 1.925370384
## 22723	3mv7	5bs0 3.503750114
## 22724	3mv8	5bs0 3.191300536
## 22725	3mv9	5bs0 3.417652902
## 22726	3o41	5bs0 3.046186440
## 22727	3pwp	5bs0 3.216981373
## 22728	3qdg	5bs0 2.293791540
## 22729	3qdj	5bs0 2.295273723
## 22730	3qdm	5bs0 1.680422978
## 22731	3qeq	5bs0 2.736978083
## 22732	3qfj	5bs0 2.726654985
## 22733	3sjv	5bs0 1.380449963
## 22734	3uts	5bs0 1.890634311
## 22735	3utt	5bs0 2.701505615
## 22736	3vxm	5bs0 2.896594074
## 22737	3vxr	5bs0 3.712021011
## 22738	3vxs	5bs0 3.095333961
## 22739	4c56	5bs0 2.152636349
## 22740	4e41	5bs0 4.180167335
## 22741	4eup	5bs0 2.165959049
## 22742	4ftv	5bs0 3.471451168
## 22743	4g8g	5bs0 3.953669403
## 22744	4g9f	5bs0 3.327223438
## 22745	4gg6	5bs0 2.953675570
## 22746	4jfd	5bs0 2.877882898
## 22747	4jfe	5bs0 2.880101241
## 22748	4jff	5bs0 2.882924130
## 22749	4jrx	5bs0 2.943298686
## 22750	4jry	5bs0 3.255160492
## 22751	4l3e	5bs0 3.469452379
## 22752	4mji	5bs0 3.579104333
## 22753	4mnq	5bs0 3.493157840
## 22754	4ozf	5bs0 2.855779802
## 22755	4ozg	5bs0 2.647249722
## 22756	4ozh	5bs0 2.244608029
## 22757	4ozi	5bs0 3.173951901
## 22758	4prh	5bs0 3.592249519
## 22759	4pri	5bs0 3.457707477
## 22760	4prp	5bs0 3.469473367
## 22761	4qok	5bs0 3.318445848

## 22762	4qrp	5bs0 2.326957488
## 22763	4y19	5bs0 3.867693505
## 22764	4y1a	5bs0 3.634527757
## 22765	4z7u	5bs0 2.428071135
## 22766	4z7v	5bs0 2.406208803
## 22767	4z7w	5bs0 2.341303723
## 22768	5d2l	5bs0 2.039362450
## 22769	5d2n	5bs0 2.052186047
## 22770	1lp9	5bs0 2.252363402
## 22771	lymm	5bs0 4.042840312
## 22772	2j8u	5bs0 2.249755226
## 22773	2jcc	5bs0 2.249663760
## 22774	2uwe	5bs0 2.250003476
## 22775	2wbj	5bs0 2.409464566
## 22776	3gjf	5bs0 2.215354069
## 22777	3hae	5bs0 1.617022621
## 22778	3nfj	5bs0 2.202301493
## 22779	3o6f	5bs0 2.269595578
## 22780	3p16	5bs0 3.642651176
## 22781	3t0e	5bs0 3.031066424
## 22782	4euq	5bs0 3.189591496
## 22783	4grl	5bs0 3.066475793
## 22784	4h1l	5bs0 2.945257454
## 22785	4may	5bs0 3.646021595
## 22786	4p4k	5bs0 2.217329990
## 22787	4qrr	5bs0 3.541671801
## 22788	4wuu	5bs0 3.029559666
## 22789	4zez	5bs0 2.660102440
## 22790	5brz	5bs0 1.392617735
## 22791	5bs0	5bs0 0.000000000
## 22792	5c07	5bs0 2.017150599
## 22793	5c08	5bs0 1.933148473
## 22794	5c09	5bs0 2.699908696
## 22795	5c0a	5bs0 2.380839299
## 22796	5c0b	5bs0 2.920360224
## 22797	5c0c	5bs0 1.801606317
## 22798	5e6i	5bs0 1.821782430
## 22799	5e9d	5bs0 2.432368002
## 22800	5eu6	5bs0 3.510867380
## 22801	5euo	5bs0 6.282177831
## 22802	5hhm	5bs0 2.520930310
## 22803	5hho	5bs0 3.296554163
## 22804	5hyj	5bs0 2.031687137
## 22805	5isz	5bs0 2.655301951
## 22806	5jhd	5bs0 2.267571783
## 22807	5jzi	5bs0 2.660298424
## 22808	5ks9	5bs0 3.147756850
## 22809	5ksa	5bs0 3.372698170
## 22810	5ksb	5bs0 2.414677449
## 22811	5men	5bs0 3.492128373
## 22812	5nht	5bs0 3.041852977
## 22813	5nme	5bs0 2.302096172
## 22814	5nmf	5bs0 1.653924715
## 22815	5nmg	5bs0 2.406050113

## 22816	5nqk	5bs0 3.053352294
## 22817	5tez	5bs0 1.295077935
## 22818	5w1v	5bs0 2.824446789
## 22819	5w1w	5bs0 3.375822653
## 22820	5wkf	5bs0 2.575793052
## 22821	5wkh	5bs0 2.454163511
## 22822	5xot	5bs0 3.622317657
## 22823	5xov	5bs0 2.202301493
## 22824	5yxn	5bs0 3.573525801
## 22825	5yxu	5bs0 2.057274886
## 22826	6am5	5bs0 3.491812788
## 22827	6amu	5bs0 3.450592362
## 22828	6avf	5bs0 3.393965252
## 22829	6avg	5bs0 2.688301888
## 22830	6bj2	5bs0 3.207055272
## 22831	6bj3	5bs0 3.613380853
## 22832	6bj8	5bs0 3.624025546
## 22833	6cql	5bs0 3.663121214
## 22834	6cqn	5bs0 4.073545793
## 22835	6cqq	5bs0 2.038742101
## 22836	6cqr	5bs0 2.330501946
## 22837	6d78	5bs0 3.517717509
## 22838	6dfx	5bs0 3.272532542
## 22839	6dkp	5bs0 3.483935424
## 22840	6dxl	5bs0 2.329978947
## 22841	6eqa	5bs0 2.897349549
## 22842	6eqb	5bs0 2.882198246
## 22843	6mtm	5bs0 3.433475956
## 22844	6p64	5bs0 2.729051770
## 22845	6px6	5bs0 3.341213182
## 22846	6py2	5bs0 3.262256175
## 22847	6q3s	5bs0 3.558095143
## 22848	6r2l	5bs0 2.935195657
## 22849	6rp9	5bs0 2.279137906
## 22850	6rpa	5bs0 3.290439530
## 22851	6rpb	5bs0 1.412633889
## 22852	6rsy	5bs0 2.282570667
## 22853	6tmo	5bs0 2.749675311
## 22854	6tro	5bs0 3.361957670
## 22855	6u3n	5bs0 3.375814156
## 22856	6u3o	5bs0 2.157745806
## 22857	6uon	5bs0 2.092114130
## 22858	6vm7	5bs0 3.476148854
## 22859	6vm8	5bs0 3.408566680
## 22860	6vma	5bs0 3.349098297
## 22861	6vmc	5bs0 3.314888653
## 22862	6vmx	5bs0 2.613330771
## 22863	6vqo	5bs0 2.463757898
## 22864	6vrm	5bs0 1.759681856
## 22865	6vrn	5bs0 3.567065423
## 22866	7n1e	5bs0 2.869881038
## 22867	7n1f	5bs0 3.143398213
## 22868	7n6e	5bs0 2.103914990
## 22869	6xc9	5bs0 1.989487113

## 22870	6xco	5bs0 3.666086638
## 22871	6xcp	5bs0 3.304706214
## 22872	6zkw	5bs0 3.388717831
## 22873	6zkk	5bs0 3.435664666
## 22874	6zky	5bs0 3.389599379
## 22875	6zkz	5bs0 3.364318516
## 22876	7dzm	5bs0 3.392042213
## 22877	7dzn	5bs0 3.289212669
## 22878	7rm4	5bs0 1.859247529
## 22879	7rtr	5bs0 2.762724309
## 22880	7l1d	5bs0 3.688718431
## 22881	7sg0	5bs0 3.214667068
## 22882	7sg1	5bs0 2.490429372
## 22883	7sg2	5bs0 2.487960052
## 22884	7rrg	5bs0 3.044335505
## 22885	7n2s	5bs0 3.159143529
## 22886	7n2n	5bs0 3.123263394
## 22887	7n2o	5bs0 2.765133607
## 22888	7n2r	5bs0 3.138738506
## 22889	7n2p	5bs0 3.114791048
## 22890	7n2q	5bs0 2.160044104
## 22891	8cx4	5bs0 2.930667250
## 22892	8VCX	5bs0 4.010202702
## 22893	8VCY	5bs0 3.068642993
## 22894	8VD0	5bs0 2.493830570
## 22895	8VD2	5bs0 3.474877759
## 22896	6XCP	5bs0 3.304848078
## 22897	6XC0	5bs0 3.665831934
## 22898	6XC9	5bs0 1.987306183
## 22899	1ao7	5c07 1.347520901
## 22900	1bd2	5c07 0.997172467
## 22901	1fyt	5c07 1.215311850
## 22902	1j8h	5c07 1.224714676
## 22903	1mi5	5c07 1.121540758
## 22904	1oga	5c07 1.248354280
## 22905	1qrn	5c07 1.322869696
## 22906	1qse	5c07 1.174389199
## 22907	1qsf	5c07 1.320894243
## 22908	1zgl	5c07 0.964816076
## 22909	2ak4	5c07 0.776181700
## 22910	2bnq	5c07 1.037848801
## 22911	2bnr	5c07 1.019022822
## 22912	2esv	5c07 1.358587727
## 22913	2f53	5c07 1.105680107
## 22914	2f54	5c07 0.694377602
## 22915	2gj6	5c07 1.225695657
## 22916	2iam	5c07 2.074074733
## 22917	2ian	5c07 0.853579881
## 22918	2nx5	5c07 0.592451595
## 22919	2p5e	5c07 1.102784069
## 22920	2p5w	5c07 1.103833021
## 22921	2pye	5c07 1.122612461
## 22922	2vlj	5c07 1.046763910
## 22923	2vlk	5c07 1.647737316

## 22924	2v1r	5c07 0.621977322
## 22925	2xn9	5c07 1.065086149
## 22926	2yp1	5c07 1.079368663
## 22927	3d39	5c07 1.054664223
## 22928	3d3v	5c07 1.249101746
## 22929	3dxa	5c07 0.828220155
## 22930	3ffc	5c07 1.328966888
## 22931	3gsn	5c07 0.926327134
## 22932	3h9s	5c07 1.055220101
## 22933	3hg1	5c07 1.026353334
## 22934	3kpr	5c07 0.696532106
## 22935	3kps	5c07 1.201412911
## 22936	3kxf	5c07 0.819277954
## 22937	3mv7	5c07 1.376217029
## 22938	3mv8	5c07 0.943234211
## 22939	3mv9	5c07 1.430372784
## 22940	3o4l	5c07 0.955136752
## 22941	3pwp	5c07 1.054728502
## 22942	3qdg	5c07 1.041665803
## 22943	3qdj	5c07 1.042633561
## 22944	3qdm	5c07 1.200683959
## 22945	3qeq	5c07 0.856760635
## 22946	3qfj	5c07 0.940775630
## 22947	3sjv	5c07 0.682409323
## 22948	3uts	5c07 0.757516784
## 22949	3utt	5c07 0.986259254
## 22950	3vxm	5c07 1.033021308
## 22951	3vxr	5c07 1.222258979
## 22952	3vxs	5c07 1.169736526
## 22953	4c56	5c07 0.749100570
## 22954	4e41	5c07 2.892515343
## 22955	4eup	5c07 0.817200974
## 22956	4ftv	5c07 1.200463918
## 22957	4g8g	5c07 1.449772364
## 22958	4g9f	5c07 1.074769154
## 22959	4gg6	5c07 1.094241492
## 22960	4jfd	5c07 1.023342818
## 22961	4jfe	5c07 1.022849545
## 22962	4jff	5c07 1.023395979
## 22963	4jrx	5c07 1.053984074
## 22964	4jry	5c07 1.240223126
## 22965	4l3e	5c07 1.164553631
## 22966	4mji	5c07 1.879346304
## 22967	4mnq	5c07 1.311499761
## 22968	4ozf	5c07 0.918458847
## 22969	4ozg	5c07 2.241162807
## 22970	4ozh	5c07 1.459346099
## 22971	4ozi	5c07 2.309119875
## 22972	4prh	5c07 1.201187598
## 22973	4pri	5c07 1.133336543
## 22974	4prp	5c07 1.157875286
## 22975	4qok	5c07 1.168529180
## 22976	4qrp	5c07 1.069201446
## 22977	4y19	5c07 1.498545805

## 22978	4y1a	5c07 1.307878323
## 22979	4z7u	5c07 1.194082016
## 22980	4z7v	5c07 0.832235659
## 22981	4z7w	5c07 0.877189146
## 22982	5d2l	5c07 0.811757175
## 22983	5d2n	5c07 0.804129927
## 22984	1lp9	5c07 0.717669348
## 22985	1ymm	5c07 1.285408007
## 22986	2j8u	5c07 0.718108817
## 22987	2jcc	5c07 0.717061753
## 22988	2uwe	5c07 0.717765362
## 22989	2wbj	5c07 0.680109570
## 22990	3gjf	5c07 0.784081254
## 22991	3hae	5c07 0.792975894
## 22992	3nfj	5c07 0.608977574
## 22993	3o6f	5c07 0.874560817
## 22994	3pl6	5c07 1.164588501
## 22995	3t0e	5c07 0.987425207
## 22996	4euq	5c07 1.175915905
## 22997	4grl	5c07 0.919560847
## 22998	4h1l	5c07 1.009731238
## 22999	4may	5c07 1.248264224
## 23000	4p4k	5c07 0.683950631
## 23001	4qrr	5c07 1.136606599
## 23002	4wuu	5c07 1.075584899
## 23003	4zez	5c07 0.973426105
## 23004	5brz	5c07 1.569242092
## 23005	5bs0	5c07 2.017150599
## 23006	5c07	5c07 0.000000000
## 23007	5c08	5c07 0.848394685
## 23008	5c09	5c07 0.988178854
## 23009	5c0a	5c07 0.783446674
## 23010	5c0b	5c07 1.068252974
## 23011	5c0c	5c07 0.657722097
## 23012	5e6i	5c07 0.865890016
## 23013	5e9d	5c07 0.993019193
## 23014	5eu6	5c07 1.033752614
## 23015	5euo	5c07 4.887726642
## 23016	5hhm	5c07 0.895718113
## 23017	5hho	5c07 1.036515744
## 23018	5hyj	5c07 0.359130980
## 23019	5isz	5c07 1.105266355
## 23020	5jhd	5c07 0.917441374
## 23021	5jzi	5c07 0.973031290
## 23022	5ks9	5c07 1.288937737
## 23023	5ksa	5c07 1.085858361
## 23024	5ksb	5c07 0.815424263
## 23025	5men	5c07 1.311342029
## 23026	5nht	5c07 1.078266863
## 23027	5nme	5c07 0.874459397
## 23028	5nmf	5c07 0.690048485
## 23029	5nmg	5c07 0.693354141
## 23030	5nqk	5c07 1.087971157
## 23031	5tez	5c07 2.304816099

## 23032	5w1v	5c07 1.983749592
## 23033	5w1w	5c07 2.246814814
## 23034	5wkf	5c07 1.003539687
## 23035	5wkh	5c07 0.750130306
## 23036	5xot	5c07 1.271341159
## 23037	5xov	5c07 0.608977574
## 23038	5yxn	5c07 1.150776462
## 23039	5yxu	5c07 0.801178625
## 23040	6am5	5c07 1.174642114
## 23041	6amu	5c07 1.044387387
## 23042	6avf	5c07 1.380219610
## 23043	6avg	5c07 1.063564362
## 23044	6bj2	5c07 1.315914384
## 23045	6bj3	5c07 1.192965884
## 23046	6bj8	5c07 1.196291015
## 23047	6cql	5c07 1.144040014
## 23048	6cqn	5c07 1.852464579
## 23049	6cqq	5c07 1.015742545
## 23050	6cqr	5c07 0.812932024
## 23051	6d78	5c07 1.179173098
## 23052	6dfx	5c07 2.231273750
## 23053	6dkp	5c07 1.160056084
## 23054	6dxg	5c07 1.523901647
## 23055	6eqa	5c07 1.028536402
## 23056	6eqb	5c07 1.023259424
## 23057	6mtm	5c07 1.028384221
## 23058	6p64	5c07 1.870048796
## 23059	6px6	5c07 1.152963738
## 23060	6py2	5c07 1.109226573
## 23061	6q3s	5c07 1.193960681
## 23062	6r2l	5c07 0.904555332
## 23063	6rp9	5c07 0.725378078
## 23064	6rpa	5c07 1.136271673
## 23065	6rpb	5c07 0.527906635
## 23066	6rsy	5c07 0.875752525
## 23067	6tmo	5c07 0.878444894
## 23068	6tro	5c07 1.485550047
## 23069	6u3n	5c07 1.097082022
## 23070	6u3o	5c07 1.357125368
## 23071	6uon	5c07 0.648139866
## 23072	6vm7	5c07 1.115819901
## 23073	6vm8	5c07 1.104538980
## 23074	6vma	5c07 1.267172960
## 23075	6vmc	5c07 1.272039371
## 23076	6vmx	5c07 0.988459146
## 23077	6vqo	5c07 0.988531119
## 23078	6vrm	5c07 1.179976046
## 23079	6vrn	5c07 1.090547265
## 23080	7n1e	5c07 0.974296172
## 23081	7n1f	5c07 1.083910452
## 23082	7n6e	5c07 0.667373620
## 23083	6xc9	5c07 0.849851549
## 23084	6xco	5c07 1.210794755
## 23085	6xcp	5c07 1.897638084

## 23086	6zkw	5c07 1.251133702
## 23087	6zxx	5c07 1.234765885
## 23088	6zky	5c07 1.250773744
## 23089	6zkz	5c07 1.208960090
## 23090	7dzm	5c07 1.149766386
## 23091	7dzn	5c07 1.133538465
## 23092	7rm4	5c07 0.783406938
## 23093	7rtr	5c07 1.019635857
## 23094	7l1d	5c07 1.309135539
## 23095	7sg0	5c07 1.445097591
## 23096	7sg1	5c07 0.912077915
## 23097	7sg2	5c07 0.911974415
## 23098	7rrg	5c07 1.091720901
## 23099	7n2s	5c07 1.048321712
## 23100	7n2n	5c07 1.047767481
## 23101	7n2o	5c07 1.025079571
## 23102	7n2r	5c07 1.097903294
## 23103	7n2p	5c07 0.975244847
## 23104	7n2q	5c07 0.876263089
## 23105	8cx4	5c07 1.037775272
## 23106	8VCX	5c07 1.978130977
## 23107	8VCY	5c07 0.919407098
## 23108	8VD0	5c07 0.904343043
## 23109	8VD2	5c07 1.322151397
## 23110	6XCP	5c07 1.898091510
## 23111	6XC0	5c07 1.210742029
## 23112	6XC9	5c07 0.849748356
## 23113	1ao7	5c08 1.286012534
## 23114	1bd2	5c08 1.049127162
## 23115	1fyt	5c08 1.173412379
## 23116	1j8h	5c08 1.191576103
## 23117	1mi5	5c08 1.125059793
## 23118	1oga	5c08 0.987997331
## 23119	1qrn	5c08 1.301813646
## 23120	1qse	5c08 0.936537295
## 23121	1qsf	5c08 1.296411663
## 23122	1zgl	5c08 0.793840682
## 23123	2ak4	5c08 0.800973287
## 23124	2bnq	5c08 0.634543228
## 23125	2bnr	5c08 0.575899489
## 23126	2esv	5c08 1.265253463
## 23127	2f53	5c08 0.930625933
## 23128	2f54	5c08 0.927331304
## 23129	2gj6	5c08 1.121879977
## 23130	2iam	5c08 2.683183448
## 23131	2ian	5c08 0.789394525
## 23132	2nx5	5c08 0.669259498
## 23133	2p5e	5c08 0.929528320
## 23134	2p5w	5c08 0.930750822
## 23135	2pye	5c08 0.938294044
## 23136	2vlj	5c08 0.714934770
## 23137	2vlk	5c08 1.749243709
## 23138	2vlr	5c08 0.732667362
## 23139	2xn9	5c08 0.864615655

## 23140	2yp1	5c08 0.531014614
## 23141	3d39	5c08 0.900901356
## 23142	3d3v	5c08 0.981812192
## 23143	3dxa	5c08 0.866611650
## 23144	3ffc	5c08 1.229700394
## 23145	3gsn	5c08 0.693259296
## 23146	3h9s	5c08 0.901713451
## 23147	3hg1	5c08 0.827508432
## 23148	3kpr	5c08 0.656330880
## 23149	3kps	5c08 0.918662005
## 23150	3kxf	5c08 0.749918825
## 23151	3mv7	5c08 0.996952310
## 23152	3mv8	5c08 1.085336146
## 23153	3mv9	5c08 1.096372744
## 23154	3o4l	5c08 1.151485910
## 23155	3pwp	5c08 0.900729382
## 23156	3qdg	5c08 0.800778955
## 23157	3qdj	5c08 0.802207117
## 23158	3qdm	5c08 1.029713968
## 23159	3qeq	5c08 0.716606022
## 23160	3qfj	5c08 0.699916366
## 23161	3sjv	5c08 0.698041143
## 23162	3uts	5c08 0.843114671
## 23163	3utt	5c08 0.710138342
## 23164	3vxm	5c08 0.889174755
## 23165	3vxr	5c08 1.103589528
## 23166	3vxs	5c08 0.863317097
## 23167	4c56	5c08 0.631067850
## 23168	4e41	5c08 2.990988698
## 23169	4eup	5c08 0.608526484
## 23170	4ftv	5c08 1.056978935
## 23171	4g8g	5c08 1.327371004
## 23172	4g9f	5c08 0.891171424
## 23173	4gg6	5c08 1.188755225
## 23174	4jfd	5c08 0.827603082
## 23175	4jfe	5c08 0.826460153
## 23176	4jff	5c08 0.827494909
## 23177	4jrx	5c08 0.912952448
## 23178	4jry	5c08 0.801640038
## 23179	4l3e	5c08 0.836540819
## 23180	4mji	5c08 1.532709145
## 23181	4mnq	5c08 1.198501332
## 23182	4ozf	5c08 0.845711043
## 23183	4ozg	5c08 2.275487290
## 23184	4ozh	5c08 1.417542597
## 23185	4ozi	5c08 2.348622198
## 23186	4prh	5c08 1.118670414
## 23187	4pri	5c08 1.273017346
## 23188	4prp	5c08 1.095649116
## 23189	4qok	5c08 1.180321920
## 23190	4qrp	5c08 0.711698034
## 23191	4y19	5c08 1.136867901
## 23192	4y1a	5c08 1.094911929
## 23193	4z7u	5c08 1.260636946

## 23194	4z7v	5c08 1.101861645
## 23195	4z7w	5c08 0.810889623
## 23196	5d2l	5c08 0.948105749
## 23197	5d2n	5c08 0.499108869
## 23198	1lp9	5c08 0.819439372
## 23199	1ymm	5c08 1.250347808
## 23200	2j8u	5c08 0.818415328
## 23201	2jcc	5c08 0.819285014
## 23202	2uwe	5c08 0.818251507
## 23203	2wbj	5c08 0.907281114
## 23204	3gjf	5c08 0.705299425
## 23205	3hae	5c08 0.818416360
## 23206	3nfj	5c08 0.704760841
## 23207	3o6f	5c08 0.745183578
## 23208	3pl6	5c08 1.249043316
## 23209	3t0e	5c08 1.061244238
## 23210	4euq	5c08 1.106533364
## 23211	4grl	5c08 0.876904246
## 23212	4h1l	5c08 1.214606884
## 23213	4may	5c08 1.260001835
## 23214	4p4k	5c08 0.811097901
## 23215	4qrr	5c08 1.167660554
## 23216	4wuu	5c08 0.612769836
## 23217	4zez	5c08 1.105070134
## 23218	5brz	5c08 1.530400042
## 23219	5bs0	5c08 1.933148473
## 23220	5c07	5c08 0.848394685
## 23221	5c08	5c08 0.000000000
## 23222	5c09	5c08 0.712844633
## 23223	5c0a	5c08 1.292885027
## 23224	5c0b	5c08 1.258565154
## 23225	5c0c	5c08 0.710566278
## 23226	5e6i	5c08 0.925329143
## 23227	5e9d	5c08 0.715015246
## 23228	5eu6	5c08 1.153034124
## 23229	5euo	5c08 5.013059607
## 23230	5hhm	5c08 1.187546552
## 23231	5hho	5c08 0.963325578
## 23232	5hyj	5c08 0.771139809
## 23233	5isz	5c08 0.569748762
## 23234	5jhd	5c08 0.939334779
## 23235	5jzi	5c08 1.104648607
## 23236	5ks9	5c08 1.278719987
## 23237	5ksa	5c08 0.863210302
## 23238	5ksb	5c08 0.784091501
## 23239	5men	5c08 1.196969173
## 23240	5nht	5c08 0.622773360
## 23241	5nme	5c08 0.970736519
## 23242	5nmf	5c08 0.668612760
## 23243	5nmg	5c08 0.776783461
## 23244	5nqk	5c08 0.624934769
## 23245	5tez	5c08 2.110070000
## 23246	5w1v	5c08 2.256687587
## 23247	5w1w	5c08 2.409014412

## 23248	5wkf	5c08 0.910504705
## 23249	5wkh	5c08 0.833223491
## 23250	5xot	5c08 1.142522786
## 23251	5xov	5c08 0.704760841
## 23252	5yxn	5c08 1.072278484
## 23253	5yxu	5c08 0.635062239
## 23254	6am5	5c08 0.840231213
## 23255	6amu	5c08 0.953238527
## 23256	6avf	5c08 1.143823717
## 23257	6avg	5c08 0.879082386
## 23258	6bj2	5c08 1.536686244
## 23259	6bj3	5c08 1.297980437
## 23260	6bj8	5c08 1.303817972
## 23261	6cql	5c08 1.211528740
## 23262	6cqn	5c08 2.445632296
## 23263	6cqq	5c08 1.121965357
## 23264	6cqr	5c08 0.856740764
## 23265	6d78	5c08 0.860606571
## 23266	6dfx	5c08 2.249458739
## 23267	6dkp	5c08 0.847782052
## 23268	6dxl	5c08 1.323852242
## 23269	6eqa	5c08 0.830765068
## 23270	6eqb	5c08 0.826088796
## 23271	6mtm	5c08 0.907158179
## 23272	6p64	5c08 2.046247669
## 23273	6px6	5c08 1.055250701
## 23274	6py2	5c08 1.192943145
## 23275	6q3s	5c08 1.043185765
## 23276	6r2l	5c08 1.067998625
## 23277	6rp9	5c08 0.927198188
## 23278	6rpa	5c08 0.861827960
## 23279	6rpb	5c08 0.769915605
## 23280	6rsy	5c08 0.726166815
## 23281	6tmo	5c08 0.942801501
## 23282	6tro	5c08 1.309258879
## 23283	6u3n	5c08 1.115566130
## 23284	6u3o	5c08 1.220040458
## 23285	6uon	5c08 0.777992903
## 23286	6vm7	5c08 1.029741720
## 23287	6vm8	5c08 0.938424106
## 23288	6vma	5c08 1.035834891
## 23289	6vmc	5c08 1.221104701
## 23290	6vmx	5c08 0.946832913
## 23291	6vqo	5c08 0.848651314
## 23292	6vrm	5c08 1.207039510
## 23293	6vrn	5c08 0.974521881
## 23294	7n1e	5c08 1.032330996
## 23295	7n1f	5c08 0.932232493
## 23296	7n6e	5c08 0.711095532
## 23297	6xc9	5c08 0.786340592
## 23298	6xco	5c08 1.283472750
## 23299	6xcp	5c08 2.417127323
## 23300	6zkw	5c08 0.929149244
## 23301	6zkk	5c08 0.946542207

## 23302	6zky	5c08 0.930425790
## 23303	6zkz	5c08 0.863046063
## 23304	7dzm	5c08 1.413858921
## 23305	7dzn	5c08 1.008242373
## 23306	7rm4	5c08 0.886922422
## 23307	7rtr	5c08 0.853423617
## 23308	7l1d	5c08 1.020091322
## 23309	7sg0	5c08 0.957313166
## 23310	7sg1	5c08 0.948804361
## 23311	7sg2	5c08 0.936204092
## 23312	7rrg	5c08 0.873227839
## 23313	7n2s	5c08 0.849066558
## 23314	7n2n	5c08 0.827472756
## 23315	7n2o	5c08 0.792901791
## 23316	7n2r	5c08 1.014023521
## 23317	7n2p	5c08 0.721434282
## 23318	7n2q	5c08 0.682310937
## 23319	8cx4	5c08 0.872283311
## 23320	8VCX	5c08 2.246943614
## 23321	8VCY	5c08 0.869579190
## 23322	8VD0	5c08 0.910589803
## 23323	8VD2	5c08 1.117212046
## 23324	6XCP	5c08 2.417478043
## 23325	6XC0	5c08 1.283415689
## 23326	6XC9	5c08 0.786348015
## 23327	1ao7	5c09 0.991757634
## 23328	1bd2	5c09 0.989404862
## 23329	1fyt	5c09 0.883904555
## 23330	1j8h	5c09 0.949982159
## 23331	1mi5	5c09 0.636472010
## 23332	1oga	5c09 0.671726947
## 23333	1qrn	5c09 1.005746007
## 23334	1qse	5c09 1.073167881
## 23335	1qsf	5c09 1.001146482
## 23336	1zgl	5c09 0.797733830
## 23337	2ak4	5c09 0.690725681
## 23338	2bnq	5c09 0.783675616
## 23339	2bnr	5c09 0.793124338
## 23340	2esv	5c09 0.870102360
## 23341	2f53	5c09 0.911442119
## 23342	2f54	5c09 1.280725734
## 23343	2gj6	5c09 0.867728460
## 23344	2iam	5c09 2.563078928
## 23345	2ian	5c09 0.570108794
## 23346	2nx5	5c09 0.697716777
## 23347	2p5e	5c09 0.911875745
## 23348	2p5w	5c09 0.914287295
## 23349	2pye	5c09 0.970355474
## 23350	2vlj	5c09 1.233475942
## 23351	2vlk	5c09 1.355754514
## 23352	2vlr	5c09 0.899673555
## 23353	2xn9	5c09 0.683360837
## 23354	2ypl	5c09 0.874829741
## 23355	3d39	5c09 0.675219498

## 23356	3d3v	5c09 0.711613428
## 23357	3dxa	5c09 0.956223687
## 23358	3ffc	5c09 0.760755811
## 23359	3gsn	5c09 0.832851008
## 23360	3h9s	5c09 0.675809005
## 23361	3hg1	5c09 0.848161671
## 23362	3kpr	5c09 0.827981791
## 23363	3kps	5c09 0.878898363
## 23364	3kxf	5c09 0.622365668
## 23365	3mv7	5c09 0.700245389
## 23366	3mv8	5c09 0.947747836
## 23367	3mv9	5c09 0.745932107
## 23368	3o4l	5c09 1.069014128
## 23369	3pwp	5c09 0.674438331
## 23370	3qdg	5c09 1.217937392
## 23371	3qdj	5c09 1.218072005
## 23372	3qdm	5c09 1.810079338
## 23373	3qeq	5c09 0.973904320
## 23374	3qfj	5c09 0.935110952
## 23375	3sjv	5c09 0.821115373
## 23376	3uts	5c09 0.933517122
## 23377	3utt	5c09 0.041251145
## 23378	3vxm	5c09 1.013030001
## 23379	3vxr	5c09 0.698207682
## 23380	3vxs	5c09 0.995109801
## 23381	4c56	5c09 0.575087914
## 23382	4e41	5c09 2.957751622
## 23383	4eup	5c09 0.746406417
## 23384	4ftv	5c09 0.855759351
## 23385	4g8g	5c09 0.835157466
## 23386	4g9f	5c09 0.594191051
## 23387	4gg6	5c09 0.912814346
## 23388	4jfd	5c09 0.853826185
## 23389	4jfe	5c09 0.851709616
## 23390	4jff	5c09 0.850053932
## 23391	4jrx	5c09 0.951134934
## 23392	4jry	5c09 0.885721742
## 23393	4l3e	5c09 0.706284318
## 23394	4mji	5c09 1.039028412
## 23395	4mnq	5c09 0.741472683
## 23396	4ozf	5c09 1.214251514
## 23397	4ozg	5c09 2.501290805
## 23398	4ozh	5c09 1.784870363
## 23399	4ozi	5c09 2.395686203
## 23400	4prh	5c09 0.781985120
## 23401	4pri	5c09 0.981967634
## 23402	4prp	5c09 0.789443189
## 23403	4qok	5c09 0.823350659
## 23404	4qrp	5c09 0.544473088
## 23405	4y19	5c09 0.877918963
## 23406	4y1a	5c09 0.702615200
## 23407	4z7u	5c09 1.279805021
## 23408	4z7v	5c09 1.134209438
## 23409	4z7w	5c09 0.695940881

## 23410	5d2l	5c09 0.724165227
## 23411	5d2n	5c09 0.686589696
## 23412	1lp9	5c09 0.690679504
## 23413	1ymm	5c09 0.859771766
## 23414	2j8u	5c09 0.691488527
## 23415	2jcc	5c09 0.692267861
## 23416	2uwe	5c09 0.691119828
## 23417	2wbj	5c09 0.828195099
## 23418	3gjf	5c09 0.777908197
## 23419	3hae	5c09 0.918150939
## 23420	3nfj	5c09 0.688811633
## 23421	3o6f	5c09 0.674154841
## 23422	3pl6	5c09 0.743769842
## 23423	3t0e	5c09 0.787519347
## 23424	4euq	5c09 0.629157427
## 23425	4grl	5c09 0.885064671
## 23426	4h1l	5c09 1.139432859
## 23427	4may	5c09 0.850778484
## 23428	4p4k	5c09 0.789444092
## 23429	4qrr	5c09 0.787802190
## 23430	4wuu	5c09 0.883024198
## 23431	4zez	5c09 1.033840987
## 23432	5brz	5c09 2.005210188
## 23433	5bs0	5c09 2.699908696
## 23434	5c07	5c09 0.988178854
## 23435	5c08	5c09 0.712844633
## 23436	5c09	5c09 0.000000000
## 23437	5c0a	5c09 1.341311693
## 23438	5c0b	5c09 0.842768069
## 23439	5c0c	5c09 1.152838124
## 23440	5e6i	5c09 0.903562070
## 23441	5e9d	5c09 0.886849654
## 23442	5eu6	5c09 0.691119167
## 23443	5euo	5c09 5.243917088
## 23444	5hhm	5c09 1.012962977
## 23445	5hho	5c09 0.996076572
## 23446	5hyj	5c09 0.917920731
## 23447	5isz	5c09 0.985003339
## 23448	5jhd	5c09 0.898308133
## 23449	5jzi	5c09 1.033513576
## 23450	5ks9	5c09 0.785974217
## 23451	5ksa	5c09 0.751771282
## 23452	5ksb	5c09 0.715624255
## 23453	5men	5c09 0.741045026
## 23454	5nht	5c09 0.988769527
## 23455	5nme	5c09 0.819194991
## 23456	5nmf	5c09 0.925477204
## 23457	5nmg	5c09 0.679520666
## 23458	5nqk	5c09 0.988202314
## 23459	5tez	5c09 2.972790417
## 23460	5w1v	5c09 2.399685013
## 23461	5w1w	5c09 2.401623598
## 23462	5wkf	5c09 0.783616384
## 23463	5wkh	5c09 0.597574246

## 23464	5xot	5c09 0.874113187
## 23465	5xov	5c09 0.688811633
## 23466	5yxn	5c09 0.675856346
## 23467	5yxu	5c09 0.811074287
## 23468	6am5	5c09 0.713292020
## 23469	6amu	5c09 0.783182377
## 23470	6avf	5c09 1.454277351
## 23471	6avg	5c09 0.736197120
## 23472	6bj2	5c09 1.660074776
## 23473	6bj3	5c09 1.027413182
## 23474	6bj8	5c09 1.028996813
## 23475	6cql	5c09 0.795387251
## 23476	6cqn	5c09 2.268959482
## 23477	6cqq	5c09 1.496161778
## 23478	6cqr	5c09 0.803110012
## 23479	6d78	5c09 0.712878419
## 23480	6dfx	5c09 2.225875571
## 23481	6dkp	5c09 0.710496978
## 23482	6dx f	5c09 1.718088549
## 23483	6eqa	5c09 0.850150810
## 23484	6eqb	5c09 0.854582900
## 23485	6mtm	5c09 0.610484091
## 23486	6p64	5c09 2.113923472
## 23487	6px6	5c09 0.792690263
## 23488	6py2	5c09 0.945784651
## 23489	6q3s	5c09 0.555045478
## 23490	6r2l	5c09 1.052566150
## 23491	6rp9	5c09 0.853881905
## 23492	6rpa	5c09 0.803896478
## 23493	6rpb	5c09 0.894349671
## 23494	6rsy	5c09 0.701669550
## 23495	6tmo	5c09 1.118257553
## 23496	6tro	5c09 0.974354327
## 23497	6u3n	5c09 0.851630957
## 23498	6u3o	5c09 1.599928596
## 23499	6uon	5c09 0.833542353
## 23500	6vm7	5c09 0.797197116
## 23501	6vm8	5c09 0.761907192
## 23502	6vma	5c09 0.690337701
## 23503	6vmc	5c09 0.990567245
## 23504	6vmx	5c09 0.936629709
## 23505	6vqo	5c09 0.605638343
## 23506	6vrm	5c09 1.759049382
## 23507	6vrn	5c09 0.568148080
## 23508	7n1e	5c09 1.081041769
## 23509	7n1f	5c09 0.729922086
## 23510	7n6e	5c09 0.798108523
## 23511	6xc9	5c09 1.057498047
## 23512	6xco	5c09 0.945194873
## 23513	6xcp	5c09 2.583844067
## 23514	6zkw	5c09 0.842432892
## 23515	6z kx	5c09 0.645631382
## 23516	6zky	5c09 0.843283221
## 23517	6z k z	5c09 0.766021418

## 23518	7dzm	5c09 1.156203803
## 23519	7dzn	5c09 0.719711928
## 23520	7rm4	5c09 0.926943951
## 23521	7rtr	5c09 0.974754501
## 23522	7l1d	5c09 0.512462874
## 23523	7sg0	5c09 0.919227297
## 23524	7sg1	5c09 0.986614941
## 23525	7sg2	5c09 0.976752996
## 23526	7rrg	5c09 0.811121066
## 23527	7n2s	5c09 0.727249838
## 23528	7n2n	5c09 0.718097035
## 23529	7n2o	5c09 1.026047569
## 23530	7n2r	5c09 1.105702298
## 23531	7n2p	5c09 0.914601563
## 23532	7n2q	5c09 0.841931017
## 23533	8cx4	5c09 0.938625873
## 23534	8VCX	5c09 2.096068078
## 23535	8VCY	5c09 0.877266993
## 23536	8VD0	5c09 0.680835875
## 23537	8VD2	5c09 0.718704652
## 23538	6XCP	5c09 2.584181723
## 23539	6XC0	5c09 0.945115506
## 23540	6XC9	5c09 1.057912920
## 23541	1ao7	5c0a 1.642910708
## 23542	1bd2	5c0a 1.341805212
## 23543	1fyt	5c0a 1.459289517
## 23544	1j8h	5c0a 1.625212231
## 23545	1mi5	5c0a 1.549295235
## 23546	1oga	5c0a 1.488702724
## 23547	1qrn	5c0a 1.562977686
## 23548	1qse	5c0a 1.618639948
## 23549	1qsf	5c0a 1.559901340
## 23550	1zgl	5c0a 0.981099897
## 23551	2ak4	5c0a 0.812240636
## 23552	2bnq	5c0a 1.505657406
## 23553	2bnr	5c0a 1.478687406
## 23554	2esv	5c0a 1.567531971
## 23555	2f53	5c0a 1.334617244
## 23556	2f54	5c0a 1.019652131
## 23557	2gj6	5c0a 1.624879857
## 23558	2iam	5c0a 2.479874029
## 23559	2ian	5c0a 0.904178662
## 23560	2nx5	5c0a 0.667906898
## 23561	2p5e	5c0a 1.333173839
## 23562	2p5w	5c0a 1.333880104
## 23563	2pye	5c0a 1.331327198
## 23564	2vlj	5c0a 1.416571478
## 23565	2vlk	5c0a 1.862900967
## 23566	2vlr	5c0a 1.005212834
## 23567	2xn9	5c0a 1.351531950
## 23568	2ypl	5c0a 1.516250525
## 23569	3d39	5c0a 1.460546286
## 23570	3d3v	5c0a 1.470567726
## 23571	3dxa	5c0a 0.982272872

## 23572	3ffc	5c0a 1.403847851
## 23573	3gsn	5c0a 1.429815487
## 23574	3h9s	5c0a 1.459887198
## 23575	3hg1	5c0a 1.436302638
## 23576	3kpr	5c0a 0.905828776
## 23577	3kps	5c0a 1.370441694
## 23578	3kxf	5c0a 0.876826577
## 23579	3mv7	5c0a 1.557262009
## 23580	3mv8	5c0a 1.408420818
## 23581	3mv9	5c0a 1.618968375
## 23582	3o4l	5c0a 1.387729672
## 23583	3pwp	5c0a 1.461142422
## 23584	3qdg	5c0a 1.559386161
## 23585	3qdj	5c0a 1.559809432
## 23586	3qdm	5c0a 1.760736844
## 23587	3qeq	5c0a 1.424717077
## 23588	3qfj	5c0a 1.429674762
## 23589	3sjv	5c0a 0.791420478
## 23590	3uts	5c0a 1.189652515
## 23591	3utt	5c0a 1.337130887
## 23592	3vxm	5c0a 1.313623553
## 23593	3vxr	5c0a 1.517020464
## 23594	3vxs	5c0a 1.370151746
## 23595	4c56	5c0a 0.940852020
## 23596	4e41	5c0a 3.023039456
## 23597	4eup	5c0a 1.057715719
## 23598	4ftv	5c0a 1.397508115
## 23599	4g8g	5c0a 1.568498225
## 23600	4g9f	5c0a 1.478071894
## 23601	4gg6	5c0a 1.255464117
## 23602	4jfd	5c0a 1.435581373
## 23603	4jfe	5c0a 1.435330801
## 23604	4jff	5c0a 1.435477938
## 23605	4jrx	5c0a 1.329023059
## 23606	4jry	5c0a 1.481278549
## 23607	4l3e	5c0a 1.508350117
## 23608	4mji	5c0a 2.030776608
## 23609	4mnq	5c0a 1.485969697
## 23610	4ozf	5c0a 1.499021732
## 23611	4ozg	5c0a 2.418747347
## 23612	4ozh	5c0a 1.689690973
## 23613	4ozi	5c0a 2.459922601
## 23614	4prh	5c0a 1.479597623
## 23615	4pri	5c0a 1.379078083
## 23616	4prp	5c0a 1.433249557
## 23617	4qok	5c0a 1.512086387
## 23618	4qrp	5c0a 1.161172825
## 23619	4y19	5c0a 1.666543110
## 23620	4y1a	5c0a 1.498485351
## 23621	4z7u	5c0a 1.434268573
## 23622	4z7v	5c0a 1.172899544
## 23623	4z7w	5c0a 1.036012882
## 23624	5d2l	5c0a 0.909513971
## 23625	5d2n	5c0a 1.031789405

## 23626	1lp9	5c0a 1.022423156
## 23627	1ymm	5c0a 1.670229430
## 23628	2j8u	5c0a 1.023052110
## 23629	2jcc	5c0a 1.021757007
## 23630	2uwe	5c0a 1.022794141
## 23631	2wbj	5c0a 0.938488707
## 23632	3gjf	5c0a 1.078914202
## 23633	3hae	5c0a 0.844845025
## 23634	3nfj	5c0a 0.963134491
## 23635	3o6f	5c0a 0.993607193
## 23636	3pl6	5c0a 1.578698853
## 23637	3t0e	5c0a 1.289656788
## 23638	4euq	5c0a 1.372701283
## 23639	4grl	5c0a 1.414153868
## 23640	4h1l	5c0a 1.328097676
## 23641	4may	5c0a 1.440911939
## 23642	4p4k	5c0a 0.895574873
## 23643	4qrr	5c0a 1.451138699
## 23644	4wuu	5c0a 1.500345587
## 23645	4zez	5c0a 1.204804962
## 23646	5brz	5c0a 1.939136419
## 23647	5bs0	5c0a 2.380839299
## 23648	5c07	5c0a 0.783446674
## 23649	5c08	5c0a 1.292885027
## 23650	5c09	5c0a 1.341311693
## 23651	5c0a	5c0a 0.000000000
## 23652	5c0b	5c0a 1.010371536
## 23653	5c0c	5c0a 1.094972367
## 23654	5e6i	5c0a 0.939734345
## 23655	5e9d	5c0a 1.117970029
## 23656	5eu6	5c0a 1.516803398
## 23657	5euo	5c0a 5.026115983
## 23658	5hhm	5c0a 1.028789614
## 23659	5hho	5c0a 1.417358823
## 23660	5hyj	5c0a 0.797956514
## 23661	5isz	5c0a 1.572798381
## 23662	5jhd	5c0a 1.405206111
## 23663	5jzi	5c0a 1.204577084
## 23664	5ks9	5c0a 1.332281757
## 23665	5ksa	5c0a 1.462570031
## 23666	5ksb	5c0a 1.010991248
## 23667	5men	5c0a 1.486108880
## 23668	5nht	5c0a 1.491395280
## 23669	5nme	5c0a 1.259727337
## 23670	5nmf	5c0a 1.159807274
## 23671	5nmg	5c0a 1.053913911
## 23672	5nqk	5c0a 1.495586718
## 23673	5tez	5c0a 2.615858298
## 23674	5w1v	5c0a 1.997589143
## 23675	5w1w	5c0a 2.412771731
## 23676	5wkf	5c0a 0.938581358
## 23677	5wkh	5c0a 0.993537362
## 23678	5xot	5c0a 1.434960781
## 23679	5xov	5c0a 0.963134491

## 23680	5yxn	5c0a 1.434664699
## 23681	5yxu	5c0a 0.941668150
## 23682	6am5	5c0a 1.517113179
## 23683	6amu	5c0a 1.459351494
## 23684	6avf	5c0a 1.790447059
## 23685	6avg	5c0a 1.102379409
## 23686	6bj2	5c0a 0.871646271
## 23687	6bj3	5c0a 1.424464781
## 23688	6bj8	5c0a 1.427648867
## 23689	6cql	5c0a 1.499401508
## 23690	6cqn	5c0a 2.257677347
## 23691	6cqq	5c0a 1.079648829
## 23692	6cqr	5c0a 1.069715641
## 23693	6d78	5c0a 1.519886254
## 23694	6dfx	5c0a 2.410046587
## 23695	6dkp	5c0a 1.508856113
## 23696	6dxg	5c0a 1.915938454
## 23697	6eqa	5c0a 1.438337782
## 23698	6eqb	5c0a 1.435826887
## 23699	6mtm	5c0a 1.487685240
## 23700	6p64	5c0a 2.081209331
## 23701	6px6	5c0a 1.415009997
## 23702	6py2	5c0a 1.414860318
## 23703	6q3s	5c0a 1.545130230
## 23704	6r2l	5c0a 1.374291338
## 23705	6rp9	5c0a 0.809574777
## 23706	6rpa	5c0a 1.459918520
## 23707	6rpb	5c0a 0.734229746
## 23708	6rsy	5c0a 0.967753475
## 23709	6tmo	5c0a 1.355468388
## 23710	6tro	5c0a 1.680818095
## 23711	6u3n	5c0a 1.399417932
## 23712	6u3o	5c0a 1.568488223
## 23713	6uon	5c0a 1.009103478
## 23714	6vm7	5c0a 1.342382552
## 23715	6vm8	5c0a 1.436772183
## 23716	6vma	5c0a 1.532247417
## 23717	6vmc	5c0a 1.529067501
## 23718	6vmx	5c0a 1.014317976
## 23719	6vqo	5c0a 1.107364564
## 23720	6vrm	5c0a 1.609664762
## 23721	6vrn	5c0a 1.523242082
## 23722	7n1e	5c0a 1.326576651
## 23723	7n1f	5c0a 1.527150182
## 23724	7n6e	5c0a 0.922031123
## 23725	6xc9	5c0a 0.938748792
## 23726	6xco	5c0a 1.458525297
## 23727	6xcp	5c0a 2.302845594
## 23728	6zkw	5c0a 1.443792832
## 23729	6zxx	5c0a 1.500129462
## 23730	6zky	5c0a 1.443412453
## 23731	6zkz	5c0a 1.475511513
## 23732	7dzm	5c0a 1.628963568
## 23733	7dzn	5c0a 1.496825895

## 23734	7rm4	5c0a 0.829749890
## 23735	7rtr	5c0a 1.378613510
## 23736	7l1d	5c0a 1.601177086
## 23737	7sg0	5c0a 1.718089895
## 23738	7sg1	5c0a 1.120700818
## 23739	7sg2	5c0a 1.116230694
## 23740	7rrg	5c0a 1.465028651
## 23741	7n2s	5c0a 1.480653025
## 23742	7n2n	5c0a 1.472912976
## 23743	7n2o	5c0a 1.338474878
## 23744	7n2r	5c0a 1.253225782
## 23745	7n2p	5c0a 1.455838191
## 23746	7n2q	5c0a 1.163680119
## 23747	8cx4	5c0a 1.336296722
## 23748	8VCX	5c0a 2.193329309
## 23749	8VCY	5c0a 1.425388747
## 23750	8VD0	5c0a 1.060482212
## 23751	8VD2	5c0a 1.550245963
## 23752	6XCP	5c0a 2.302592142
## 23753	6XC0	5c0a 1.458549212
## 23754	6XC9	5c0a 0.937915019
## 23755	1ao7	5c0b 1.089070209
## 23756	1bd2	5c0b 0.965685832
## 23757	1fyt	5c0b 0.887775720
## 23758	1j8h	5c0b 1.179838713
## 23759	1mi5	5c0b 0.901886284
## 23760	1oga	5c0b 0.983182317
## 23761	1qrn	5c0b 1.017568994
## 23762	1qse	5c0b 1.479354939
## 23763	1qsf	5c0b 1.015071587
## 23764	1zgl	5c0b 0.893121951
## 23765	2ak4	5c0b 0.602099787
## 23766	2bnq	5c0b 1.331635830
## 23767	2bnr	5c0b 1.332964684
## 23768	2esv	5c0b 0.935930052
## 23769	2f53	5c0b 1.007110566
## 23770	2f54	5c0b 1.355905479
## 23771	2gj6	5c0b 1.192003884
## 23772	2iam	5c0b 2.185868449
## 23773	2ian	5c0b 0.619997035
## 23774	2nx5	5c0b 0.706816709
## 23775	2p5e	5c0b 1.006573957
## 23776	2p5w	5c0b 1.008208731
## 23777	2pye	5c0b 1.049929693
## 23778	2vlj	5c0b 1.513322765
## 23779	2vlk	5c0b 1.234350104
## 23780	2v1r	5c0b 0.976125403
## 23781	2xn9	5c0b 0.986973490
## 23782	2ypl	5c0b 1.438583764
## 23783	3d39	5c0b 1.024646780
## 23784	3d3v	5c0b 0.992563067
## 23785	3dxa	5c0b 0.941071259
## 23786	3ffc	5c0b 0.615710964
## 23787	3gsn	5c0b 1.238509998

## 23788	3h9s	5c0b 1.023336959
## 23789	3hg1	5c0b 1.168878673
## 23790	3kpr	5c0b 0.927347474
## 23791	3kps	5c0b 1.036254887
## 23792	3kxf	5c0b 0.655348136
## 23793	3mv7	5c0b 1.101736886
## 23794	3mv8	5c0b 0.981165084
## 23795	3mv9	5c0b 1.127739577
## 23796	3o4l	5c0b 0.997786361
## 23797	3pwp	5c0b 1.025166779
## 23798	3qdg	5c0b 1.602020351
## 23799	3qdj	5c0b 1.601888148
## 23800	3qdm	5c0b 2.147470446
## 23801	3qeq	5c0b 1.316768054
## 23802	3qfj	5c0b 1.306057747
## 23803	3sjv	5c0b 0.859747566
## 23804	3uts	5c0b 1.076999071
## 23805	3utt	5c0b 0.840246920
## 23806	3vxm	5c0b 1.110371518
## 23807	3vxr	5c0b 0.914097172
## 23808	3vxs	5c0b 1.182001091
## 23809	4c56	5c0b 0.760699381
## 23810	4e4l	5c0b 2.997104413
## 23811	4eup	5c0b 0.990103265
## 23812	4ftv	5c0b 0.916903698
## 23813	4g8g	5c0b 0.820371828
## 23814	4g9f	5c0b 1.017171218
## 23815	4gg6	5c0b 0.738365795
## 23816	4jfd	5c0b 1.174413316
## 23817	4jfe	5c0b 1.173956335
## 23818	4jff	5c0b 1.172013994
## 23819	4jrx	5c0b 1.052193872
## 23820	4jry	5c0b 1.273465387
## 23821	4l3e	5c0b 1.165106927
## 23822	4mji	5c0b 1.166451567
## 23823	4mnq	5c0b 0.767369645
## 23824	4ozf	5c0b 1.506808501
## 23825	4ozg	5c0b 2.608954419
## 23826	4ozh	5c0b 2.028772024
## 23827	4ozi	5c0b 2.472762863
## 23828	4prh	5c0b 0.883034644
## 23829	4pri	5c0b 0.705939824
## 23830	4prp	5c0b 0.867415959
## 23831	4qok	5c0b 0.918234795
## 23832	4qrp	5c0b 0.820807578
## 23833	4y19	5c0b 1.239580131
## 23834	4y1a	5c0b 0.901493442
## 23835	4z7u	5c0b 1.388825870
## 23836	4z7v	5c0b 1.111714906
## 23837	4z7w	5c0b 0.741883190
## 23838	5d2l	5c0b 0.612253339
## 23839	5d2n	5c0b 0.973793768
## 23840	1lp9	5c0b 0.696956354
## 23841	1ymm	5c0b 1.060762196

## 23842	2j8u	5c0b 0.699428927
## 23843	2jcc	5c0b 0.698885670
## 23844	2uwe	5c0b 0.698808161
## 23845	2wbj	5c0b 0.895858290
## 23846	3gjf	5c0b 0.948816887
## 23847	3hae	5c0b 0.940732996
## 23848	3nfj	5c0b 0.892360591
## 23849	3o6f	5c0b 0.787143705
## 23850	3pl6	5c0b 0.854883717
## 23851	3t0e	5c0b 0.801591816
## 23852	4euq	5c0b 0.779842081
## 23853	4grl	5c0b 1.126404884
## 23854	4h1l	5c0b 1.072327072
## 23855	4may	5c0b 0.682701631
## 23856	4p4k	5c0b 0.760532188
## 23857	4qrr	5c0b 0.788870822
## 23858	4wuu	5c0b 1.388764861
## 23859	4zez	5c0b 1.021378380
## 23860	5brz	5c0b 2.174421873
## 23861	5bs0	5c0b 2.920360224
## 23862	5c07	5c0b 1.068252974
## 23863	5c08	5c0b 1.258565154
## 23864	5c09	5c0b 0.842768069
## 23865	5c0a	5c0b 1.010371536
## 23866	5c0b	5c0b 0.000000000
## 23867	5c0c	5c0b 1.481085527
## 23868	5e6i	5c0b 0.942927079
## 23869	5e9d	5c0b 1.059483945
## 23870	5eu6	5c0b 0.853401388
## 23871	5euo	5c0b 5.367496360
## 23872	5hhm	5c0b 0.908977466
## 23873	5hho	5c0b 1.157589640
## 23874	5hyj	5c0b 1.070608105
## 23875	5isz	5c0b 1.554322617
## 23876	5jhd	5c0b 1.073221898
## 23877	5jzi	5c0b 1.021114014
## 23878	5ks9	5c0b 0.666820927
## 23879	5ksa	5c0b 1.104653648
## 23880	5ksb	5c0b 0.788944059
## 23881	5men	5c0b 0.769688838
## 23882	5nht	5c0b 1.448513398
## 23883	5nme	5c0b 1.023093914
## 23884	5nmf	5c0b 1.138010157
## 23885	5nmg	5c0b 0.839870641
## 23886	5nqk	5c0b 1.451649888
## 23887	5tez	5c0b 3.263225858
## 23888	5w1v	5c0b 2.309047827
## 23889	5w1w	5c0b 2.378324589
## 23890	5wkf	5c0b 0.694534294
## 23891	5wkh	5c0b 0.629428891
## 23892	5xot	5c0b 0.883441516
## 23893	5xov	5c0b 0.892360591
## 23894	5yxn	5c0b 0.864779242
## 23895	5yxu	5c0b 1.039882377

## 23896	6am5	5c0b 1.170329054
## 23897	6amu	5c0b 1.047956387
## 23898	6avf	5c0b 1.815058735
## 23899	6avg	5c0b 0.881543445
## 23900	6bj2	5c0b 1.347078311
## 23901	6bj3	5c0b 0.807100293
## 23902	6bj8	5c0b 0.804943306
## 23903	6cql	5c0b 0.820439978
## 23904	6cqn	5c0b 1.875509532
## 23905	6cqq	5c0b 1.645518849
## 23906	6cqr	5c0b 0.827546509
## 23907	6d78	5c0b 1.159836135
## 23908	6dfx	5c0b 2.313598166
## 23909	6dkp	5c0b 1.157016410
## 23910	6dxfl	5c0b 2.024755172
## 23911	6eqa	5c0b 1.170340920
## 23912	6eqb	5c0b 1.175313147
## 23913	6mtm	5c0b 1.015212155
## 23914	6p64	5c0b 2.133798242
## 23915	6px6	5c0b 0.875853672
## 23916	6py2	5c0b 0.850798646
## 23917	6q3s	5c0b 0.939356799
## 23918	6r2l	5c0b 1.059351780
## 23919	6rp9	5c0b 0.780745051
## 23920	6rpa	5c0b 1.126351721
## 23921	6rpb	5c0b 0.936400048
## 23922	6rsy	5c0b 0.879165780
## 23923	6tmo	5c0b 1.212456125
## 23924	6tro	5c0b 1.154881689
## 23925	6u3n	5c0b 0.830678539
## 23926	6u3o	5c0b 1.783386521
## 23927	6uon	5c0b 1.030407951
## 23928	6vm7	5c0b 0.928777261
## 23929	6vm8	5c0b 1.015348028
## 23930	6vma	5c0b 1.017063097
## 23931	6vmc	5c0b 1.112975298
## 23932	6vmx	5c0b 0.992623031
## 23933	6vqo	5c0b 0.731335146
## 23934	6vrm	5c0b 1.868238635
## 23935	6vrn	5c0b 0.975384444
## 23936	7n1e	5c0b 1.057523703
## 23937	7n1f	5c0b 1.026872347
## 23938	7n6e	5c0b 0.925663863
## 23939	6xc9	5c0b 1.087588488
## 23940	6xco	5c0b 0.788518647
## 23941	6xcp	5c0b 2.322970954
## 23942	6zkw	5c0b 1.092816532
## 23943	6zqx	5c0b 1.020155607
## 23944	6zky	5c0b 1.091849740
## 23945	6zkz	5c0b 1.132706630
## 23946	7dzm	5c0b 1.124106873
## 23947	7dzn	5c0b 1.007324217
## 23948	7rm4	5c0b 0.977634639
## 23949	7rtr	5c0b 1.175855466

## 23950	7l1d	5c0b 1.028713722
## 23951	7sg0	5c0b 1.470178273
## 23952	7sg1	5c0b 1.021993345
## 23953	7sg2	5c0b 1.021406520
## 23954	7rrg	5c0b 1.137861988
## 23955	7n2s	5c0b 1.121914985
## 23956	7n2n	5c0b 1.130630109
## 23957	7n2o	5c0b 1.223323536
## 23958	7n2r	5c0b 1.139478313
## 23959	7n2p	5c0b 1.303545329
## 23960	7n2q	5c0b 1.079995336
## 23961	8cx4	5c0b 1.085691198
## 23962	8VCX	5c0b 1.848712949
## 23963	8VCY	5c0b 1.135464281
## 23964	8VD0	5c0b 0.627976514
## 23965	8VD2	5c0b 0.967233343
## 23966	6XCP	5c0b 2.322724354
## 23967	6XC0	5c0b 0.788566660
## 23968	6XC9	5c0b 1.087343143
## 23969	1ao7	5c0c 1.747844608
## 23970	1bd2	5c0c 1.413826069
## 23971	1fyt	5c0c 1.616022302
## 23972	1j8h	5c0c 1.591866672
## 23973	1mi5	5c0c 1.552182509
## 23974	1oga	5c0c 1.511816221
## 23975	1qrn	5c0c 1.718479530
## 23976	1qse	5c0c 1.334341595
## 23977	1qsf	5c0c 1.714948406
## 23978	1zgl	5c0c 0.995132103
## 23979	2ak4	5c0c 0.948518136
## 23980	2bnq	5c0c 1.161129929
## 23981	2bnr	5c0c 1.107951755
## 23982	2esv	5c0c 1.732605413
## 23983	2f53	5c0c 1.385008041
## 23984	2f54	5c0c 0.786448594
## 23985	2gj6	5c0c 1.548714902
## 23986	2iam	5c0c 2.687071874
## 23987	2ian	5c0c 1.002063268
## 23988	2nx5	5c0c 0.745475446
## 23989	2p5e	5c0c 1.382834476
## 23990	2p5w	5c0c 1.383658353
## 23991	2pye	5c0c 1.367974773
## 23992	2vlj	5c0c 1.085795377
## 23993	2vlk	5c0c 2.100834178
## 23994	2vlr	5c0c 0.864282562
## 23995	2xn9	5c0c 1.284758626
## 23996	2ypl	5c0c 1.075768327
## 23997	3d39	5c0c 1.379936781
## 23998	3d3v	5c0c 1.489677644
## 23999	3dxa	5c0c 0.945968821
## 24000	3ffc	5c0c 1.612538469
## 24001	3gsn	5c0c 1.154655980
## 24002	3h9s	5c0c 1.381074461
## 24003	3hg1	5c0c 1.289973742

## 24004	3kpr	5c0c 0.847452762
## 24005	3kps	5c0c 1.407681916
## 24006	3kxf	5c0c 0.939628180
## 24007	3mv7	5c0c 1.536462433
## 24008	3mv8	5c0c 1.424474039
## 24009	3mv9	5c0c 1.623580608
## 24010	3o4l	5c0c 1.464899073
## 24011	3pwp	5c0c 1.379966607
## 24012	3qdg	5c0c 1.123897469
## 24013	3qdj	5c0c 1.125261946
## 24014	3qdm	5c0c 1.021531634
## 24015	3qeq	5c0c 1.097420591
## 24016	3qfj	5c0c 1.140323330
## 24017	3sjv	5c0c 0.748095500
## 24018	3uts	5c0c 1.017141677
## 24019	3utt	5c0c 1.149802017
## 24020	3vxm	5c0c 1.290551036
## 24021	3vxr	5c0c 1.554340009
## 24022	3vxs	5c0c 1.316408894
## 24023	4c56	5c0c 0.905143331
## 24024	4e4l	5c0c 3.036673082
## 24025	4eup	5c0c 0.885659267
## 24026	4ftv	5c0c 1.507245767
## 24027	4g8g	5c0c 1.778703611
## 24028	4g9f	5c0c 1.373928085
## 24029	4gg6	5c0c 1.437502295
## 24030	4jfd	5c0c 1.285132838
## 24031	4jfe	5c0c 1.283741778
## 24032	4jff	5c0c 1.285848584
## 24033	4jrx	5c0c 1.348540996
## 24034	4jry	5c0c 1.293006583
## 24035	4l3e	5c0c 1.336212678
## 24036	4mji	5c0c 2.065899398
## 24037	4mnq	5c0c 1.679180504
## 24038	4ozf	5c0c 1.062267844
## 24039	4ozg	5c0c 2.228649324
## 24040	4ozh	5c0c 1.304017332
## 24041	4ozi	5c0c 2.394887556
## 24042	4prh	5c0c 1.569394489
## 24043	4pri	5c0c 1.633670174
## 24044	4prp	5c0c 1.519733794
## 24045	4qok	5c0c 1.600753431
## 24046	4qrp	5c0c 1.124796457
## 24047	4y19	5c0c 1.625439429
## 24048	4y1a	5c0c 1.596639434
## 24049	4z7u	5c0c 1.365982867
## 24050	4z7v	5c0c 1.149880220
## 24051	4z7w	5c0c 1.101586947
## 24052	5d2l	5c0c 1.066210059
## 24053	5d2n	5c0c 0.831571219
## 24054	1lp9	5c0c 1.062689267
## 24055	1ymm	5c0c 1.689041557
## 24056	2j8u	5c0c 1.061724525
## 24057	2jcc	5c0c 1.061720723

## 24058	2uwe	5c0c 1.061687800
## 24059	2wbj	5c0c 0.968316793
## 24060	3gjf	5c0c 0.952744834
## 24061	3hae	5c0c 0.868830799
## 24062	3nfj	5c0c 0.829507925
## 24063	3o6f	5c0c 1.041259367
## 24064	3p16	5c0c 1.663453341
## 24065	3t0e	5c0c 1.364045757
## 24066	4euq	5c0c 1.411749121
## 24067	4grl	5c0c 1.268417866
## 24068	4h1l	5c0c 1.377681577
## 24069	4may	5c0c 1.697713333
## 24070	4p4k	5c0c 1.013346921
## 24071	4qrr	5c0c 1.587332590
## 24072	4wuu	5c0c 1.121595982
## 24073	4zez	5c0c 1.214991052
## 24074	5brz	5c0c 1.615967525
## 24075	5bs0	5c0c 1.801606317
## 24076	5c07	5c0c 0.657722097
## 24077	5c08	5c0c 0.710566278
## 24078	5c09	5c0c 1.152838124
## 24079	5c0a	5c0c 1.094972367
## 24080	5c0b	5c0c 1.481085527
## 24081	5c0c	5c0c 0.000000000
## 24082	5e6i	5c0c 1.009686232
## 24083	5e9d	5c0c 1.088181373
## 24084	5eu6	5c0c 1.534386533
## 24085	5euo	5c0c 4.817818392
## 24086	5hhm	5c0c 1.261373271
## 24087	5hho	5c0c 1.323069078
## 24088	5hyj	5c0c 0.684782667
## 24089	5isz	5c0c 1.078800512
## 24090	5jhd	5c0c 1.187900996
## 24091	5jzi	5c0c 1.214713095
## 24092	5ks9	5c0c 1.602820198
## 24093	5ksa	5c0c 1.330028545
## 24094	5ksb	5c0c 1.029105820
## 24095	5men	5c0c 1.677856745
## 24096	5nht	5c0c 1.087250069
## 24097	5nme	5c0c 1.150030779
## 24098	5nmf	5c0c 0.847087169
## 24099	5nmg	5c0c 0.977825860
## 24100	5nqk	5c0c 1.092015334
## 24101	5tez	5c0c 1.916063571
## 24102	5w1v	5c0c 2.055532143
## 24103	5w1w	5c0c 2.358192665
## 24104	5wkf	5c0c 1.163406905
## 24105	5wkh	5c0c 1.098245209
## 24106	5xot	5c0c 1.580945840
## 24107	5xov	5c0c 0.829507925
## 24108	5yxn	5c0c 1.522693980
## 24109	5yxu	5c0c 0.826760558
## 24110	6am5	5c0c 1.347586052
## 24111	6amu	5c0c 1.369314276

## 24112	6avf	5c0c 1.326431153
## 24113	6avg	5c0c 1.192561304
## 24114	6bj2	5c0c 1.652189789
## 24115	6bj3	5c0c 1.645497943
## 24116	6bj8	5c0c 1.651845309
## 24117	6cql	5c0c 1.619026181
## 24118	6cqn	5c0c 2.507420569
## 24119	6cqq	5c0c 0.849318672
## 24120	6cqr	5c0c 1.056097760
## 24121	6d78	5c0c 1.363254710
## 24122	6dfx	5c0c 2.345411779
## 24123	6dkp	5c0c 1.344602886
## 24124	6dxl	5c0c 1.541749478
## 24125	6eqa	5c0c 1.292518475
## 24126	6eqb	5c0c 1.284689256
## 24127	6mtm	5c0c 1.366343437
## 24128	6p64	5c0c 2.042238360
## 24129	6px6	5c0c 1.514349411
## 24130	6py2	5c0c 1.589263896
## 24131	6q3s	5c0c 1.525028075
## 24132	6r2l	5c0c 1.360119291
## 24133	6rp9	5c0c 0.987944843
## 24134	6rpa	5c0c 1.353182819
## 24135	6rpb	5c0c 0.656015600
## 24136	6rsy	5c0c 1.000917564
## 24137	6tmo	5c0c 1.230593156
## 24138	6tro	5c0c 1.779114095
## 24139	6u3n	5c0c 1.538000776
## 24140	6u3o	5c0c 1.235664691
## 24141	6uon	5c0c 0.833947814
## 24142	6vm7	5c0c 1.433173175
## 24143	6vm8	5c0c 1.386530297
## 24144	6vma	5c0c 1.539580566
## 24145	6vmc	5c0c 1.639693513
## 24146	6vmx	5c0c 1.095986545
## 24147	6vqo	5c0c 1.195007585
## 24148	6vrm	5c0c 1.298387961
## 24149	6vrn	5c0c 1.442119725
## 24150	7n1e	5c0c 1.385550411
## 24151	7n1f	5c0c 1.404228402
## 24152	7n6e	5c0c 0.833051054
## 24153	6xc9	5c0c 0.893381251
## 24154	6xco	5c0c 1.674856894
## 24155	6xcp	5c0c 2.349690766
## 24156	6zkw	5c0c 1.449211869
## 24157	6zlx	5c0c 1.485144021
## 24158	6zky	5c0c 1.449778506
## 24159	6zkz	5c0c 1.370891209
## 24160	7dzm	5c0c 1.682304081
## 24161	7dzn	5c0c 1.475381015
## 24162	7rm4	5c0c 0.843624798
## 24163	7rtr	5c0c 1.273813847
## 24164	7l1d	5c0c 1.544461410
## 24165	7sg0	5c0c 1.476207832

## 24166	7sg1	5c0c	1.108880936
## 24167	7sg2	5c0c	1.098165424
## 24168	7rrg	5c0c	1.336243941
## 24169	7n2s	5c0c	1.340250395
## 24170	7n2n	5c0c	1.319082072
## 24171	7n2o	5c0c	1.203624288
## 24172	7n2r	5c0c	1.376693784
## 24173	7n2p	5c0c	1.153590628
## 24174	7n2q	5c0c	0.935124905
## 24175	8cx4	5c0c	1.315675952
## 24176	8VCX	5c0c	2.439463761
## 24177	8VCY	5c0c	1.271643306
## 24178	8VD0	5c0c	1.207010895
## 24179	8VD2	5c0c	1.621338545
## 24180	6XCP	5c0c	2.349448900
## 24181	6XC0	5c0c	1.674876958
## 24182	6XC9	5c0c	0.893533490
## 24183	1ao7	5e6i	1.227009063
## 24184	1bd2	5e6i	1.222729273
## 24185	1fyt	5e6i	1.169800809
## 24186	1j8h	5e6i	1.181185797
## 24187	1mi5	5e6i	1.163496650
## 24188	1oga	5e6i	1.153971098
## 24189	1qrn	5e6i	1.150655891
## 24190	1qse	5e6i	1.127073583
## 24191	1qsf	5e6i	1.150482489
## 24192	1zgl	5e6i	0.746913842
## 24193	2ak4	5e6i	0.751953230
## 24194	2bnq	5e6i	1.137829050
## 24195	2bnr	5e6i	1.204365966
## 24196	2esv	5e6i	1.128659233
## 24197	2f53	5e6i	1.175259404
## 24198	2f54	5e6i	0.998669470
## 24199	2gj6	5e6i	1.124583589
## 24200	2iam	5e6i	2.076844044
## 24201	2ian	5e6i	0.657081549
## 24202	2nx5	5e6i	0.605127125
## 24203	2p5e	5e6i	1.177543462
## 24204	2p5w	5e6i	1.178226456
## 24205	2pye	5e6i	1.260508718
## 24206	2vlj	5e6i	1.259884322
## 24207	2vlk	5e6i	1.248159876
## 24208	2vlr	5e6i	0.862680108
## 24209	2xn9	5e6i	1.039483320
## 24210	2ypl	5e6i	1.225133597
## 24211	3d39	5e6i	1.151230855
## 24212	3d3v	5e6i	1.140182474
## 24213	3dxa	5e6i	0.994838997
## 24214	3ffc	5e6i	1.126393359
## 24215	3gsn	5e6i	1.158527558
## 24216	3h9s	5e6i	1.151882697
## 24217	3hg1	5e6i	1.136254200
## 24218	3kpr	5e6i	0.869522342
## 24219	3kps	5e6i	1.234758884

## 24220	3kxf	5e6i 0.703660102
## 24221	3mv7	5e6i 1.193924262
## 24222	3mv8	5e6i 1.260435955
## 24223	3mv9	5e6i 1.132557104
## 24224	3o4l	5e6i 1.258872667
## 24225	3pwp	5e6i 1.151014070
## 24226	3qdg	5e6i 1.177254075
## 24227	3qdj	5e6i 1.177488540
## 24228	3qdm	5e6i 1.465706026
## 24229	3qeq	5e6i 1.196919332
## 24230	3qfj	5e6i 1.158829797
## 24231	3sjv	5e6i 0.702051192
## 24232	3uts	5e6i 0.821387465
## 24233	3utt	5e6i 0.903298861
## 24234	3vxm	5e6i 1.222942543
## 24235	3vxr	5e6i 1.294336884
## 24236	3vxs	5e6i 1.266823381
## 24237	4c56	5e6i 0.751058309
## 24238	4e4l	5e6i 1.860032571
## 24239	4eup	5e6i 0.839935866
## 24240	4ftv	5e6i 1.283757133
## 24241	4g8g	5e6i 1.349692393
## 24242	4g9f	5e6i 1.172611192
## 24243	4gg6	5e6i 1.115093614
## 24244	4jfd	5e6i 1.133275718
## 24245	4jfe	5e6i 1.133232347
## 24246	4jff	5e6i 1.133218655
## 24247	4jrx	5e6i 1.188951079
## 24248	4jry	5e6i 1.260786129
## 24249	4l3e	5e6i 1.269902555
## 24250	4mji	5e6i 1.269341462
## 24251	4mnq	5e6i 1.171993177
## 24252	4ozf	5e6i 1.361265264
## 24253	4ozg	5e6i 1.645446724
## 24254	4ozh	5e6i 1.349115510
## 24255	4ozi	5e6i 1.585933392
## 24256	4prh	5e6i 1.276585822
## 24257	4pri	5e6i 1.301458504
## 24258	4prp	5e6i 1.244050918
## 24259	4qok	5e6i 1.176125387
## 24260	4qrp	5e6i 0.810036332
## 24261	4y19	5e6i 1.367459619
## 24262	4y1a	5e6i 1.251776669
## 24263	4z7u	5e6i 1.076047784
## 24264	4z7v	5e6i 1.170922092
## 24265	4z7w	5e6i 0.854920999
## 24266	5d2l	5e6i 0.695418431
## 24267	5d2n	5e6i 0.848234500
## 24268	1lp9	5e6i 0.847573090
## 24269	1ymm	5e6i 1.446964794
## 24270	2j8u	5e6i 0.848164496
## 24271	2jcc	5e6i 0.847278400
## 24272	2uwe	5e6i 0.847994521
## 24273	2wbj	5e6i 0.890511229

## 24274	3gjf	5e6i 0.873175424
## 24275	3hae	5e6i 0.768523526
## 24276	3nfj	5e6i 0.831679446
## 24277	3o6f	5e6i 0.801844747
## 24278	3pl6	5e6i 1.245728799
## 24279	3t0e	5e6i 1.121027016
## 24280	4euq	5e6i 1.120780078
## 24281	4grl	5e6i 1.235320486
## 24282	4h1l	5e6i 1.294287334
## 24283	4may	5e6i 1.284370249
## 24284	4p4k	5e6i 0.805726838
## 24285	4qrr	5e6i 1.255364528
## 24286	4wuu	5e6i 1.234777357
## 24287	4zez	5e6i 1.237412384
## 24288	5brz	5e6i 1.399418270
## 24289	5bs0	5e6i 1.821782430
## 24290	5c07	5e6i 0.865890016
## 24291	5c08	5e6i 0.925329143
## 24292	5c09	5e6i 0.903562070
## 24293	5c0a	5e6i 0.939734345
## 24294	5c0b	5e6i 0.942927079
## 24295	5c0c	5e6i 1.009686232
## 24296	5e6i	5e6i 0.000000000
## 24297	5e9d	5e6i 0.997174582
## 24298	5eu6	5e6i 1.220279055
## 24299	5euo	5e6i 3.453445850
## 24300	5hhm	5e6i 0.839823608
## 24301	5hho	5e6i 1.344048158
## 24302	5hyj	5e6i 0.739193510
## 24303	5isz	5e6i 1.151099499
## 24304	5jhd	5e6i 1.026335104
## 24305	5jzi	5e6i 1.237448756
## 24306	5ks9	5e6i 0.973612310
## 24307	5ksa	5e6i 1.257839060
## 24308	5ksb	5e6i 0.948136111
## 24309	5men	5e6i 1.171970489
## 24310	5nht	5e6i 1.297145902
## 24311	5nme	5e6i 0.818558049
## 24312	5nmf	5e6i 0.930932517
## 24313	5nmg	5e6i 0.901331095
## 24314	5nqk	5e6i 1.298933707
## 24315	5tez	5e6i 2.045183958
## 24316	5w1v	5e6i 1.625999883
## 24317	5w1w	5e6i 1.830993618
## 24318	5wkf	5e6i 1.005897092
## 24319	5wkh	5e6i 0.813961751
## 24320	5xot	5e6i 1.321149584
## 24321	5xov	5e6i 0.831679446
## 24322	5yxn	5e6i 1.229452477
## 24323	5yxu	5e6i 0.801912704
## 24324	6am5	5e6i 1.278704836
## 24325	6amu	5e6i 1.293539280
## 24326	6avf	5e6i 1.607053107
## 24327	6avg	5e6i 0.988053052

## 24328	6bj2	5e6i 1.290642742
## 24329	6bj3	5e6i 1.370199924
## 24330	6bj8	5e6i 1.373081246
## 24331	6cql	5e6i 1.301153876
## 24332	6cqn	5e6i 1.917658982
## 24333	6cqq	5e6i 1.129301548
## 24334	6cqr	5e6i 1.030866927
## 24335	6d78	5e6i 1.284569214
## 24336	6dfx	5e6i 1.481897314
## 24337	6dkp	5e6i 1.276075257
## 24338	6dxl	5e6i 1.371209679
## 24339	6eqa	5e6i 1.136985617
## 24340	6eqb	5e6i 1.136109893
## 24341	6mtm	5e6i 1.219998607
## 24342	6p64	5e6i 1.369826354
## 24343	6px6	5e6i 1.202641663
## 24344	6py2	5e6i 1.229617411
## 24345	6q3s	5e6i 1.194648549
## 24346	6r2l	5e6i 1.231974437
## 24347	6rp9	5e6i 0.821954773
## 24348	6rpa	5e6i 1.235918559
## 24349	6rpb	5e6i 0.688438862
## 24350	6rsy	5e6i 0.800064284
## 24351	6tmo	5e6i 1.248681797
## 24352	6tro	5e6i 1.156400353
## 24353	6u3n	5e6i 1.256013108
## 24354	6u3o	5e6i 1.387302183
## 24355	6uon	5e6i 0.780423927
## 24356	6vm7	5e6i 1.267522323
## 24357	6vm8	5e6i 1.275499896
## 24358	6vma	5e6i 1.141305357
## 24359	6vmc	5e6i 1.058912917
## 24360	6vmx	5e6i 1.045016260
## 24361	6vqo	5e6i 0.845483766
## 24362	6vrm	5e6i 1.389861424
## 24363	6vrn	5e6i 1.236034055
## 24364	7n1e	5e6i 1.231675242
## 24365	7n1f	5e6i 1.181491202
## 24366	7n6e	5e6i 0.851615751
## 24367	6xc9	5e6i 1.003091266
## 24368	6xco	5e6i 1.339616962
## 24369	6xcp	5e6i 1.998068069
## 24370	6zkw	5e6i 1.260901493
## 24371	6zkk	5e6i 1.195433969
## 24372	6zky	5e6i 1.261599340
## 24373	6zkz	5e6i 1.231586242
## 24374	7dzm	5e6i 1.312453742
## 24375	7dzn	5e6i 1.151979566
## 24376	7rm4	5e6i 0.729506348
## 24377	7rtr	5e6i 1.154938692
## 24378	7l1d	5e6i 1.213378352
## 24379	7sg0	5e6i 1.167700477
## 24380	7sg1	5e6i 1.109235033
## 24381	7sg2	5e6i 1.101242921

## 24382	7rrg	5e6i 1.153768342
## 24383	7n2s	5e6i 1.169550952
## 24384	7n2n	5e6i 1.155410357
## 24385	7n2o	5e6i 1.200728152
## 24386	7n2r	5e6i 1.268558737
## 24387	7n2p	5e6i 1.276210721
## 24388	7n2q	5e6i 0.959677279
## 24389	8cx4	5e6i 1.184563379
## 24390	8VCX	5e6i 1.851626315
## 24391	8VCY	5e6i 1.232998484
## 24392	8VD0	5e6i 0.925787760
## 24393	8VD2	5e6i 1.170192825
## 24394	6XCP	5e6i 1.998250870
## 24395	6XC0	5e6i 1.339674590
## 24396	6XC9	5e6i 1.003415054
## 24397	1ao7	5e9d 1.112383462
## 24398	1bd2	5e9d 0.828960601
## 24399	1fyt	5e9d 0.921888777
## 24400	1j8h	5e9d 1.245014491
## 24401	1mi5	5e9d 1.162581885
## 24402	1oga	5e9d 0.773530494
## 24403	1qrn	5e9d 1.132084493
## 24404	1qse	5e9d 1.127401394
## 24405	1qsf	5e9d 1.124002685
## 24406	1zgl	5e9d 0.792689547
## 24407	2ak4	5e9d 0.738132592
## 24408	2bnq	5e9d 0.814943408
## 24409	2bnr	5e9d 0.752813117
## 24410	2esv	5e9d 1.063820442
## 24411	2f53	5e9d 0.566428841
## 24412	2f54	5e9d 1.065462560
## 24413	2gj6	5e9d 1.204795297
## 24414	2iam	5e9d 2.994518221
## 24415	2ian	5e9d 0.747783444
## 24416	2nx5	5e9d 0.606283172
## 24417	2p5e	5e9d 0.564439632
## 24418	2p5w	5e9d 0.565793688
## 24419	2pye	5e9d 0.582046777
## 24420	2vlj	5e9d 0.696354705
## 24421	2vlk	5e9d 1.732080303
## 24422	2vlr	5e9d 0.784800669
## 24423	2xn9	5e9d 0.813971885
## 24424	2yp1	5e9d 0.776003827
## 24425	3d39	5e9d 0.884093698
## 24426	3d3v	5e9d 0.763484876
## 24427	3dxa	5e9d 0.891659384
## 24428	3ffc	5e9d 1.137342663
## 24429	3gsn	5e9d 0.799419667
## 24430	3h9s	5e9d 0.882418450
## 24431	3hg1	5e9d 0.815682230
## 24432	3kpr	5e9d 0.553747351
## 24433	3kps	5e9d 0.539504849
## 24434	3kxf	5e9d 0.689913992
## 24435	3mv7	5e9d 0.786392071

## 24436	3mv8	5e9d 1.048167803
## 24437	3mv9	5e9d 0.940593123
## 24438	3o4l	5e9d 1.041983022
## 24439	3pwp	5e9d 0.884985344
## 24440	3qdg	5e9d 1.066092502
## 24441	3qdj	5e9d 1.065711794
## 24442	3qdm	5e9d 1.500115585
## 24443	3qeq	5e9d 0.882908800
## 24444	3qfj	5e9d 0.802941679
## 24445	3sjv	5e9d 0.735204319
## 24446	3uts	5e9d 0.981412285
## 24447	3utt	5e9d 0.880639090
## 24448	3vxm	5e9d 0.599750562
## 24449	3vxr	5e9d 1.024019641
## 24450	3vxs	5e9d 0.547552786
## 24451	4c56	5e9d 0.650012200
## 24452	4e4l	5e9d 3.450430614
## 24453	4eup	5e9d 0.592873155
## 24454	4ftv	5e9d 0.722001414
## 24455	4g8g	5e9d 1.105618612
## 24456	4g9f	5e9d 0.902055799
## 24457	4gg6	5e9d 1.146704254
## 24458	4jfd	5e9d 0.818186339
## 24459	4jfe	5e9d 0.818006488
## 24460	4jff	5e9d 0.818590966
## 24461	4jrx	5e9d 0.569027566
## 24462	4jry	5e9d 0.714673446
## 24463	4l3e	5e9d 0.854518444
## 24464	4mji	5e9d 1.624581088
## 24465	4mnq	5e9d 0.925253571
## 24466	4ozf	5e9d 1.094806485
## 24467	4ozg	5e9d 2.702770139
## 24468	4ozh	5e9d 1.802704652
## 24469	4ozi	5e9d 2.731991869
## 24470	4prh	5e9d 0.890623479
## 24471	4pri	5e9d 1.023189743
## 24472	4prp	5e9d 0.874994328
## 24473	4qok	5e9d 1.092085508
## 24474	4qrp	5e9d 0.667136089
## 24475	4y19	5e9d 1.063928655
## 24476	4y1a	5e9d 0.854270151
## 24477	4z7u	5e9d 1.440389665
## 24478	4z7v	5e9d 1.231550831
## 24479	4z7w	5e9d 0.664984272
## 24480	5d2l	5e9d 0.946345197
## 24481	5d2n	5e9d 0.462079504
## 24482	1lp9	5e9d 0.715725519
## 24483	1ymm	5e9d 1.258917835
## 24484	2j8u	5e9d 0.715085847
## 24485	2jcc	5e9d 0.715712823
## 24486	2uwe	5e9d 0.714749051
## 24487	2wbj	5e9d 0.900859312
## 24488	3gjf	5e9d 0.716909034
## 24489	3hae	5e9d 0.835935538

## 24490	3nfj	5e9d 0.799669282
## 24491	3o6f	5e9d 0.559491976
## 24492	3p16	5e9d 1.266591067
## 24493	3t0e	5e9d 1.039448527
## 24494	4euq	5e9d 1.173140302
## 24495	4grl	5e9d 0.894568790
## 24496	4h1l	5e9d 1.271338203
## 24497	4may	5e9d 0.964753849
## 24498	4p4k	5e9d 0.749168567
## 24499	4qrr	5e9d 1.017771988
## 24500	4wuu	5e9d 0.784850475
## 24501	4zez	5e9d 1.188189541
## 24502	5brz	5e9d 1.809157870
## 24503	5bs0	5e9d 2.432368002
## 24504	5c07	5e9d 0.993019193
## 24505	5c08	5e9d 0.715015246
## 24506	5c09	5e9d 0.886849654
## 24507	5c0a	5e9d 1.117970029
## 24508	5c0b	5e9d 1.059483945
## 24509	5c0c	5e9d 1.088181373
## 24510	5e6i	5e9d 0.997174582
## 24511	5e9d	5e9d 0.000000000
## 24512	5eu6	5e9d 1.201813606
## 24513	5euo	5e9d 5.958822520
## 24514	5hhm	5e9d 1.102727838
## 24515	5hho	5e9d 0.885287423
## 24516	5hyj	5e9d 0.901957346
## 24517	5isz	5e9d 0.887413593
## 24518	5jhd	5e9d 1.159836330
## 24519	5jzi	5e9d 1.187581849
## 24520	5ks9	5e9d 1.170645135
## 24521	5ksa	5e9d 0.852063797
## 24522	5ksb	5e9d 0.701023619
## 24523	5men	5e9d 0.923315559
## 24524	5nht	5e9d 0.792869925
## 24525	5nme	5e9d 1.122566425
## 24526	5nmf	5e9d 0.861889113
## 24527	5nmg	5e9d 0.849128489
## 24528	5nqk	5e9d 0.794361037
## 24529	5tez	5e9d 2.676966247
## 24530	5w1v	5e9d 2.582564487
## 24531	5w1w	5e9d 2.825416523
## 24532	5wkf	5e9d 0.660415813
## 24533	5wkh	5e9d 0.775959463
## 24534	5xot	5e9d 0.880609642
## 24535	5xov	5e9d 0.799669282
## 24536	5yxn	5e9d 0.998694868
## 24537	5yxu	5e9d 0.576551835
## 24538	6am5	5e9d 0.858265917
## 24539	6amu	5e9d 0.951723042
## 24540	6avf	5e9d 1.490932194
## 24541	6avg	5e9d 0.756747656
## 24542	6bj2	5e9d 1.156934877
## 24543	6bj3	5e9d 1.097479539

## 24544	6bj8	5e9d 1.101359616
## 24545	6cql	5e9d 1.139298258
## 24546	6cqn	5e9d 2.685713461
## 24547	6cqq	5e9d 1.323593941
## 24548	6cqr	5e9d 0.838504029
## 24549	6d78	5e9d 0.862592291
## 24550	6dfx	5e9d 2.634455519
## 24551	6dkp	5e9d 0.858721263
## 24552	6dxl	5e9d 1.593214429
## 24553	6eqa	5e9d 0.819289486
## 24554	6eqb	5e9d 0.816218466
## 24555	6mtm	5e9d 0.958850342
## 24556	6p64	5e9d 2.382961716
## 24557	6px6	5e9d 0.772494885
## 24558	6py2	5e9d 0.971097169
## 24559	6q3s	5e9d 1.037856807
## 24560	6r2l	5e9d 1.023856093
## 24561	6rp9	5e9d 0.845451605
## 24562	6rpa	5e9d 0.717384986
## 24563	6rpb	5e9d 0.871930875
## 24564	6rsy	5e9d 0.627385941
## 24565	6tmo	5e9d 0.910765269
## 24566	6tro	5e9d 1.206979182
## 24567	6u3n	5e9d 0.885284471
## 24568	6u3o	5e9d 1.502056916
## 24569	6uon	5e9d 0.920548396
## 24570	6vm7	5e9d 0.824054895
## 24571	6vm8	5e9d 0.827379226
## 24572	6vma	5e9d 0.900625975
## 24573	6vmc	5e9d 1.172611710
## 24574	6vmx	5e9d 0.885600117
## 24575	6vqo	5e9d 0.704195897
## 24576	6vrm	5e9d 1.342738721
## 24577	6vrn	5e9d 1.022124730
## 24578	7n1e	5e9d 0.791081695
## 24579	7n1f	5e9d 0.880165738
## 24580	7n6e	5e9d 0.668053679
## 24581	6xc9	5e9d 0.695520029
## 24582	6xco	5e9d 1.066691504
## 24583	6xcp	5e9d 2.707962881
## 24584	6zkw	5e9d 0.588960397
## 24585	6zku	5e9d 0.804665604
## 24586	6zky	5e9d 0.590464581
## 24587	6zkz	5e9d 0.735524864
## 24588	7dzm	5e9d 1.488409603
## 24589	7dzn	5e9d 0.970349191
## 24590	7rm4	5e9d 0.966984848
## 24591	7rtr	5e9d 0.697441775
## 24592	7l1d	5e9d 1.012905902
## 24593	7sg0	5e9d 1.055460264
## 24594	7sg1	5e9d 0.965432709
## 24595	7sg2	5e9d 0.948628049
## 24596	7rrg	5e9d 0.790326524
## 24597	7n2s	5e9d 0.846440202

## 24598	7n2n	5e9d 0.833914879
## 24599	7n2o	5e9d 0.607733251
## 24600	7n2r	5e9d 0.596472346
## 24601	7n2p	5e9d 0.843192893
## 24602	7n2q	5e9d 0.777936429
## 24603	8cx4	5e9d 0.567005193
## 24604	8VCX	5e9d 2.365412694
## 24605	8VCY	5e9d 0.899385745
## 24606	8VD0	5e9d 0.760221492
## 24607	8VD2	5e9d 0.923707891
## 24608	6XCP	5e9d 2.707912989
## 24609	6XC0	5e9d 1.067477778
## 24610	6XC9	5e9d 0.695154578
## 24611	1ao7	5eu6 1.164872053
## 24612	1bd2	5eu6 0.938316170
## 24613	1fyt	5eu6 0.990007528
## 24614	1j8h	5eu6 1.092346059
## 24615	1mi5	5eu6 0.520108420
## 24616	1oga	5eu6 0.998958836
## 24617	1qrn	5eu6 1.183440731
## 24618	1qse	5eu6 1.358875756
## 24619	1qsf	5eu6 1.180706192
## 24620	1zgl	5eu6 1.174208599
## 24621	2ak4	5eu6 0.855690828
## 24622	2bnq	5eu6 1.045665264
## 24623	2bnr	5eu6 1.061850896
## 24624	2esv	5eu6 1.109732466
## 24625	2f53	5eu6 1.073030914
## 24626	2f54	5eu6 1.501235407
## 24627	2gj6	5eu6 1.028795795
## 24628	2iam	5eu6 2.897203372
## 24629	2ian	5eu6 0.864688579
## 24630	2nx5	5eu6 0.891402065
## 24631	2p5e	5eu6 1.071631640
## 24632	2p5w	5eu6 1.074378528
## 24633	2pye	5eu6 1.165683107
## 24634	2vlj	5eu6 1.558435257
## 24635	2vlk	5eu6 1.651378063
## 24636	2vlr	5eu6 0.927679632
## 24637	2xn9	5eu6 0.887068436
## 24638	2yp1	5eu6 1.260022648
## 24639	3d39	5eu6 0.780262901
## 24640	3d3v	5eu6 1.035142571
## 24641	3dxa	5eu6 1.122312316
## 24642	3ffc	5eu6 1.039251544
## 24643	3gsn	5eu6 0.945785646
## 24644	3h9s	5eu6 0.781830161
## 24645	3hg1	5eu6 1.025080403
## 24646	3kpr	5eu6 0.982710132
## 24647	3kps	5eu6 1.195266105
## 24648	3kxf	5eu6 0.889356124
## 24649	3mv7	5eu6 1.190674734
## 24650	3mv8	5eu6 0.781110069
## 24651	3mv9	5eu6 1.241727531

## 24652	3o4l	5eu6 0.925772040
## 24653	3pwp	5eu6 0.779679704
## 24654	3qdg	5eu6 1.471082356
## 24655	3qdj	5eu6 1.471106145
## 24656	3qdm	5eu6 2.245547030
## 24657	3qeq	5eu6 1.036691155
## 24658	3qfj	5eu6 1.108655105
## 24659	3sjv	5eu6 1.032678738
## 24660	3uts	5eu6 1.081607653
## 24661	3utt	5eu6 0.689590601
## 24662	3vxm	5eu6 1.123735250
## 24663	3vxr	5eu6 0.891853033
## 24664	3vxs	5eu6 1.297878956
## 24665	4c56	5eu6 0.719903625
## 24666	4e41	5eu6 4.153024316
## 24667	4eup	5eu6 1.011034581
## 24668	4ftv	5eu6 1.037925091
## 24669	4g8g	5eu6 1.182989984
## 24670	4g9f	5eu6 0.664595223
## 24671	4gg6	5eu6 1.026274722
## 24672	4jfd	5eu6 1.030317784
## 24673	4jfe	5eu6 1.029331831
## 24674	4jff	5eu6 1.026627071
## 24675	4jrx	5eu6 1.088922996
## 24676	4jry	5eu6 1.343347550
## 24677	4l3e	5eu6 0.988210737
## 24678	4mji	5eu6 1.731290356
## 24679	4mnq	5eu6 0.925681338
## 24680	4ozf	5eu6 1.354548989
## 24681	4ozg	5eu6 3.413085624
## 24682	4ozh	5eu6 2.465597881
## 24683	4ozi	5eu6 3.307891975
## 24684	4prh	5eu6 0.832011600
## 24685	4pri	5eu6 0.901409528
## 24686	4prp	5eu6 0.812220683
## 24687	4qok	5eu6 0.846566534
## 24688	4qrp	5eu6 1.004942180
## 24689	4y19	5eu6 1.469948970
## 24690	4y1a	5eu6 1.002384890
## 24691	4z7u	5eu6 1.670361849
## 24692	4z7v	5eu6 1.243036873
## 24693	4z7w	5eu6 0.845219724
## 24694	5d2l	5eu6 0.869787859
## 24695	5d2n	5eu6 0.956143165
## 24696	1lp9	5eu6 0.700933486
## 24697	1ymm	5eu6 0.935341272
## 24698	2j8u	5eu6 0.703529268
## 24699	2jcc	5eu6 0.704063617
## 24700	2uwe	5eu6 0.702550126
## 24701	2wbj	5eu6 1.007842958
## 24702	3gjf	5eu6 0.947132569
## 24703	3hae	5eu6 1.202132487
## 24704	3nfj	5eu6 0.833299785
## 24705	3o6f	5eu6 0.882073718

## 24706	3p16	5eu6 0.556727094
## 24707	3t0e	5eu6 0.791307211
## 24708	4euq	5eu6 0.933842293
## 24709	4gr1	5eu6 0.844077039
## 24710	4h11	5eu6 1.186360403
## 24711	4may	5eu6 0.905671885
## 24712	4p4k	5eu6 0.738743197
## 24713	4qrr	5eu6 0.772673233
## 24714	4wuu	5eu6 1.201565187
## 24715	4zez	5eu6 1.162395383
## 24716	5brz	5eu6 2.527147649
## 24717	5bs0	5eu6 3.510867380
## 24718	5c07	5eu6 1.033752614
## 24719	5c08	5eu6 1.153034124
## 24720	5c09	5eu6 0.691119167
## 24721	5c0a	5eu6 1.516803398
## 24722	5c0b	5eu6 0.853401388
## 24723	5c0c	5eu6 1.534386533
## 24724	5e6i	5eu6 1.220279055
## 24725	5e9d	5eu6 1.201813606
## 24726	5eu6	5eu6 0.000000000
## 24727	5euo	5eu6 7.349768332
## 24728	5hhm	5eu6 1.204470577
## 24729	5hho	5eu6 1.071597238
## 24730	5hyj	5eu6 1.059822556
## 24731	5isz	5eu6 1.400167521
## 24732	5jhd	5eu6 1.085526165
## 24733	5jzi	5eu6 1.161627731
## 24734	5ks9	5eu6 1.136576630
## 24735	5ksa	5eu6 0.952395705
## 24736	5ksb	5eu6 0.838811651
## 24737	5men	5eu6 0.926276189
## 24738	5nht	5eu6 1.311822473
## 24739	5nme	5eu6 1.062156293
## 24740	5nmf	5eu6 1.105412202
## 24741	5nmg	5eu6 0.761804976
## 24742	5nqk	5eu6 1.321062158
## 24743	5tez	5eu6 3.982258439
## 24744	5w1v	5eu6 3.178043919
## 24745	5w1w	5eu6 3.251290353
## 24746	5wkf	5eu6 0.991086077
## 24747	5wkh	5eu6 0.637192533
## 24748	5xot	5eu6 1.127010227
## 24749	5xov	5eu6 0.833299785
## 24750	5yxn	5eu6 0.645150507
## 24751	5yxu	5eu6 1.121432484
## 24752	6am5	5eu6 0.999212558
## 24753	6amu	5eu6 0.755600908
## 24754	6avf	5eu6 1.952226952
## 24755	6avg	5eu6 1.070586631
## 24756	6bj2	5eu6 1.919194778
## 24757	6bj3	5eu6 1.046778597
## 24758	6bj8	5eu6 1.046123146
## 24759	6cql	5eu6 0.727989531

## 24760	6cqn	5eu6 2.500144229
## 24761	6cqq	5eu6 1.982573253
## 24762	6cqr	5eu6 0.883984284
## 24763	6d78	5eu6 0.990773305
## 24764	6dfx	5eu6 3.086881714
## 24765	6dkp	5eu6 0.972657879
## 24766	6dxs	5eu6 2.248468609
## 24767	6eqa	5eu6 1.028052466
## 24768	6eqb	5eu6 1.031117750
## 24769	6mtm	5eu6 0.518335741
## 24770	6p64	5eu6 2.835655943
## 24771	6px6	5eu6 0.852996438
## 24772	6py2	5eu6 0.898547823
## 24773	6q3s	5eu6 0.729131935
## 24774	6r2l	5eu6 0.865073863
## 24775	6rp9	5eu6 1.069119180
## 24776	6rpa	5eu6 1.022813690
## 24777	6rpb	5eu6 1.071356255
## 24778	6rsy	5eu6 0.983791287
## 24779	6tmo	5eu6 1.038130455
## 24780	6tro	5eu6 1.372601650
## 24781	6u3n	5eu6 0.819649641
## 24782	6u3o	5eu6 2.140734909
## 24783	6uon	5eu6 0.969389277
## 24784	6vm7	5eu6 0.860698981
## 24785	6vm8	5eu6 0.880031858
## 24786	6vma	5eu6 0.964852580
## 24787	6vmc	5eu6 1.253426470
## 24788	6vmx	5eu6 1.212626052
## 24789	6vqo	5eu6 0.854490881
## 24790	6vrm	5eu6 2.082753760
## 24791	6vrn	5eu6 0.553696364
## 24792	7n1e	5eu6 1.073403133
## 24793	7n1f	5eu6 0.809633304
## 24794	7n6e	5eu6 0.955154964
## 24795	6xc9	5eu6 1.272298992
## 24796	6xco	5eu6 0.961074629
## 24797	6xcp	5eu6 2.981778655
## 24798	6zkw	5eu6 1.227465373
## 24799	6zky	5eu6 1.016322384
## 24800	6zky	5eu6 1.227023734
## 24801	6zkz	5eu6 1.074942168
## 24802	7dzm	5eu6 1.066354211
## 24803	7dzn	5eu6 0.867597596
## 24804	7rm4	5eu6 1.246000211
## 24805	7rtr	5eu6 1.108636093
## 24806	7l1d	5eu6 0.939681165
## 24807	7sg0	5eu6 1.524621687
## 24808	7sg1	5eu6 1.192277694
## 24809	7sg2	5eu6 1.188166937
## 24810	7rrg	5eu6 0.954997562
## 24811	7n2s	5eu6 0.834567168
## 24812	7n2n	5eu6 0.854275248
## 24813	7n2o	5eu6 1.238499647

## 24814	7n2r	5eu6 1.264611906
## 24815	7n2p	5eu6 1.093227384
## 24816	7n2q	5eu6 1.109647339
## 24817	8cx4	5eu6 1.090308515
## 24818	8VCX	5eu6 2.573666003
## 24819	8VCY	5eu6 0.830100641
## 24820	8VD0	5eu6 0.761817181
## 24821	8VD2	5eu6 0.985517802
## 24822	6XCP	5eu6 2.982352225
## 24823	6XC0	5eu6 0.961091183
## 24824	6XC9	5eu6 1.274611532
## 24825	1ao7	5euo 7.657740862
## 24826	1bd2	5euo 7.288693812
## 24827	1fyt	5euo 7.255560857
## 24828	1j8h	5euo 7.128690141
## 24829	1mi5	5euo 7.280595066
## 24830	1oga	5euo 7.306936916
## 24831	1qrn	5euo 7.051124479
## 24832	1qse	5euo 6.854218751
## 24833	1qsf	5euo 7.053695655
## 24834	1zgl	5euo 3.833909311
## 24835	2ak4	5euo 3.716451653
## 24836	2bnq	5euo 7.083188044
## 24837	2bnr	5euo 7.221315433
## 24838	2esv	5euo 7.184699080
## 24839	2f53	5euo 7.209564834
## 24840	2f54	5euo 4.787160138
## 24841	2gj6	5euo 7.025259424
## 24842	2iam	5euo 7.610433132
## 24843	2ian	5euo 3.803593525
## 24844	2nx5	5euo 3.478785793
## 24845	2p5e	5euo 7.213670654
## 24846	2p5w	5euo 7.216803961
## 24847	2pye	5euo 7.350749107
## 24848	2vlj	5euo 7.090479363
## 24849	2vlk	5euo 6.978451751
## 24850	2vlr	5euo 4.947202851
## 24851	2xn9	5euo 6.617462369
## 24852	2ypl	5euo 7.225746188
## 24853	3d39	5euo 7.216289199
## 24854	3d3v	5euo 7.243918804
## 24855	3dxa	5euo 4.391249006
## 24856	3ffc	5euo 5.626589839
## 24857	3gsn	5euo 7.149570123
## 24858	3h9s	5euo 7.217452771
## 24859	3hg1	5euo 7.086645338
## 24860	3kpr	5euo 5.066622945
## 24861	3kps	5euo 7.337104917
## 24862	3kxf	5euo 3.582014037
## 24863	3mv7	5euo 7.364461771
## 24864	3mv8	5euo 7.271672962
## 24865	3mv9	5euo 7.206315138
## 24866	3o4l	5euo 7.203644599
## 24867	3pwp	5euo 7.216192248

## 24868	3qdg	5euo 6.821483260
## 24869	3qdj	5euo 6.825378524
## 24870	3qdm	5euo 6.776901383
## 24871	3qeq	5euo 7.127326306
## 24872	3qfj	5euo 7.052934583
## 24873	3sjv	5euo 3.365085666
## 24874	3uts	5euo 4.800009733
## 24875	3utt	5euo 5.250577178
## 24876	3vxm	5euo 7.226219051
## 24877	3vxr	5euo 7.574858646
## 24878	3vxs	5euo 7.311294298
## 24879	4c56	5euo 4.622961627
## 24880	4e41	5euo 4.599733156
## 24881	4eup	5euo 5.005762430
## 24882	4ftv	5euo 7.447460240
## 24883	4g8g	5euo 7.622771209
## 24884	4g9f	5euo 7.237369120
## 24885	4gg6	5euo 5.705859698
## 24886	4jfd	5euo 7.068390535
## 24887	4jfe	5euo 7.065820733
## 24888	4jff	5euo 7.066678426
## 24889	4jrx	5euo 7.192767225
## 24890	4jry	5euo 7.349286492
## 24891	4l3e	5euo 7.445190445
## 24892	4mji	5euo 5.748965848
## 24893	4mnq	5euo 7.318611746
## 24894	4ozf	5euo 7.309298269
## 24895	4ozg	5euo 3.472716083
## 24896	4ozh	5euo 4.432796595
## 24897	4ozi	5euo 3.581845353
## 24898	4prh	5euo 7.663421034
## 24899	4pri	5euo 7.411897336
## 24900	4prp	5euo 7.438037231
## 24901	4qok	5euo 7.188302359
## 24902	4qrp	5euo 4.629526793
## 24903	4y19	5euo 7.647252920
## 24904	4y1a	5euo 7.463945185
## 24905	4z7u	5euo 4.390243471
## 24906	4z7v	5euo 5.254525260
## 24907	4z7w	5euo 5.043529712
## 24908	5d2l	5euo 3.727261946
## 24909	5d2n	5euo 5.037734521
## 24910	1lp9	5euo 5.097787782
## 24911	1ymm	5euo 8.155264266
## 24912	2j8u	5euo 5.096831849
## 24913	2jcc	5euo 5.095988095
## 24914	2uwe	5euo 5.097312004
## 24915	2wbj	5euo 5.064449314
## 24916	3gjf	5euo 5.089398404
## 24917	3hae	5euo 3.511537221
## 24918	3nfj	5euo 4.860541606
## 24919	3o6f	5euo 5.112643245
## 24920	3p16	5euo 7.453476367
## 24921	3t0e	5euo 6.197669254

## 24922	4euq	5euo 5.657808763
## 24923	4grl	5euo 7.291778718
## 24924	4h1l	5euo 6.309963412
## 24925	4may	5euo 7.552693418
## 24926	4p4k	5euo 5.105217117
## 24927	4qrr	5euo 7.423923126
## 24928	4wuu	5euo 7.283383699
## 24929	4zez	5euo 5.537528860
## 24930	5brz	5euo 6.388618894
## 24931	5bs0	5euo 6.282177831
## 24932	5c07	5euo 4.887726642
## 24933	5c08	5euo 5.013059607
## 24934	5c09	5euo 5.243917088
## 24935	5c0a	5euo 5.026115983
## 24936	5c0b	5euo 5.367496360
## 24937	5c0c	5euo 4.817818392
## 24938	5e6i	5euo 3.453445850
## 24939	5e9d	5euo 5.958822520
## 24940	5eu6	5euo 7.349768332
## 24941	5euo	5euo 0.000000000
## 24942	5hhm	5euo 5.116981435
## 24943	5hho	5euo 7.460452437
## 24944	5hyj	5euo 4.850342185
## 24945	5isz	5euo 6.988519472
## 24946	5jhd	5euo 4.992270889
## 24947	5jzi	5euo 5.539020896
## 24948	5ks9	5euo 5.460282993
## 24949	5ksa	5euo 7.425044920
## 24950	5ksb	5euo 5.362620837
## 24951	5men	5euo 7.318388323
## 24952	5nht	5euo 7.314307617
## 24953	5nme	5euo 4.823878074
## 24954	5nmf	5euo 4.830021981
## 24955	5nmg	5euo 5.095435516
## 24956	5nqk	5euo 7.318533415
## 24957	5tez	5euo 6.381226800
## 24958	5w1v	5euo 3.106610218
## 24959	5w1w	5euo 3.725150587
## 24960	5wkf	5euo 5.389967670
## 24961	5wkh	5euo 5.101922892
## 24962	5xot	5euo 7.530609086
## 24963	5xov	5euo 4.860541606
## 24964	5yxn	5euo 7.459496956
## 24965	5yxu	5euo 5.002224775
## 24966	6am5	5euo 7.491662370
## 24967	6amu	5euo 7.500203727
## 24968	6avf	5euo 7.561155002
## 24969	6avg	5euo 5.387826365
## 24970	6bj2	5euo 7.279374719
## 24971	6bj3	5euo 7.555800895
## 24972	6bj8	5euo 7.574032930
## 24973	6cql	5euo 7.492861370
## 24974	6cqn	5euo 7.521233705
## 24975	6cqq	5euo 4.905126731

## 24976	6cqr	5euo 5.236616310
## 24977	6d78	5euo 7.527897352
## 24978	6dfx	5euo 4.157093179
## 24979	6dkp	5euo 7.482289011
## 24980	6dxs	5euo 6.907130088
## 24981	6eqa	5euo 7.089964408
## 24982	6eqb	5euo 7.078889912
## 24983	6mtm	5euo 7.439505753
## 24984	6p64	5euo 3.599181253
## 24985	6px6	5euo 7.431895448
## 24986	6py2	5euo 7.326681334
## 24987	6q3s	5euo 7.352035129
## 24988	6r2l	5euo 7.216351206
## 24989	6rp9	5euo 4.567182911
## 24990	6rpa	5euo 7.518594702
## 24991	6rpb	5euo 3.420820769
## 24992	6rsy	5euo 5.035907830
## 24993	6tmo	5euo 7.168567402
## 24994	6tro	5euo 7.109184488
## 24995	6u3n	5euo 7.354598971
## 24996	6u3o	5euo 4.972069523
## 24997	6uon	5euo 4.906834726
## 24998	6vm7	5euo 7.450122389
## 24999	6vm8	5euo 7.433418412
## 25000	6vma	5euo 7.219763359
## 25001	6vmc	5euo 7.174621220
## 25002	6vmx	5euo 5.368199192
## 25003	6vqo	5euo 5.123537543
## 25004	6vrm	5euo 6.793311842
## 25005	6vrn	5euo 7.489779961
## 25006	7n1e	5euo 7.165897160
## 25007	7n1f	5euo 7.254235032
## 25008	7n6e	5euo 5.046351664
## 25009	6xc9	5euo 5.151391423
## 25010	6xco	5euo 7.631566955
## 25011	6xcp	5euo 7.248861028
## 25012	6zkw	5euo 7.435568089
## 25013	6zks	5euo 7.331178572
## 25014	6zky	5euo 7.436625618
## 25015	6zkz	5euo 7.444378260
## 25016	7dzm	5euo 7.176584206
## 25017	7dzn	5euo 7.128847174
## 25018	7rm4	5euo 3.390928597
## 25019	7rtr	5euo 7.150592513
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## 25021	7sg0	5euo 7.188701766
## 25022	7sg1	5euo 5.277467498
## 25023	7sg2	5euo 5.270720058
## 25024	7rrg	5euo 7.218036031
## 25025	7n2s	5euo 7.267245061
## 25026	7n2n	5euo 7.191939014
## 25027	7n2o	5euo 7.143442596
## 25028	7n2r	5euo 7.409702398
## 25029	7n2p	5euo 7.398543183

## 25030	7n2q	5euo 5.038476389
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## 25032	8VCX	5euo 7.118755532
## 25033	8VCY	5euo 7.318966482
## 25034	8VD0	5euo 5.164063897
## 25035	8VD2	5euo 7.356398094
## 25036	6XCP	5euo 7.248838601
## 25037	6XC0	5euo 7.631540382
## 25038	6XC9	5euo 5.150390611
## 25039	1ao7	5hbm 1.083521937
## 25040	1bd2	5hbm 1.261751441
## 25041	1fyt	5hbm 1.072636673
## 25042	1j8h	5hbm 1.069241739
## 25043	1mi5	5hbm 1.162362791
## 25044	1oga	5hbm 1.273564410
## 25045	1qrn	5hbm 0.900847796
## 25046	1qse	5hbm 1.150884364
## 25047	1qsf	5hbm 0.901975032
## 25048	1zgl	5hbm 1.029223144
## 25049	2ak4	5hbm 0.864464109
## 25050	2bnq	5hbm 1.246581230
## 25051	2bnr	5hbm 1.390540015
## 25052	2esv	5hbm 1.035114980
## 25053	2f53	5hbm 1.170887063
## 25054	2f54	5hbm 0.993081399
## 25055	2gj6	5hbm 1.016691638
## 25056	2iam	5hbm 2.464432835
## 25057	2ian	5hbm 0.798241276
## 25058	2nx5	5hbm 0.679255513
## 25059	2p5e	5hbm 1.173816499
## 25060	2p5w	5hbm 1.174456504
## 25061	2pye	5hbm 1.362696297
## 25062	2vlj	5hbm 1.554672885
## 25063	2vlk	5hbm 1.102687270
## 25064	2vlr	5hbm 0.902116812
## 25065	2xn9	5hbm 1.132457156
## 25066	2ypl	5hbm 1.488213703
## 25067	3d39	5hbm 1.208346814
## 25068	3d3v	5hbm 1.239814785
## 25069	3dxa	5hbm 1.110716698
## 25070	3ffc	5hbm 1.274890038
## 25071	3gsn	5hbm 1.323674020
## 25072	3h9s	5hbm 1.209078271
## 25073	3hg1	5hbm 1.193139088
## 25074	3kpr	5hbm 1.018027573
## 25075	3kps	5hbm 1.361842159
## 25076	3kxf	5hbm 0.794345581
## 25077	3mv7	5hbm 1.353488082
## 25078	3mv8	5hbm 1.228758401
## 25079	3mv9	5hbm 1.207527732
## 25080	3o4l	5hbm 1.152747399
## 25081	3pwp	5hbm 1.208657412
## 25082	3qdg	5hbm 1.287340633
## 25083	3qdj	5hbm 1.286593360

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## 25085	3qeq	5hbm 1.347312932
## 25086	3qfj	5hbm 1.298969127
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## 25091	3vxx	5hbm 1.479965249
## 25092	3vxs	5hbm 1.439395155
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## 25094	4e41	5hbm 2.626622598
## 25095	4eup	5hbm 0.993922657
## 25096	4ftv	5hbm 1.322371568
## 25097	4g8g	5hbm 1.545268137
## 25098	4g9f	5hbm 1.176629941
## 25099	4gg6	5hbm 1.287291497
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## 25101	4jfe	5hbm 1.190648081
## 25102	4jff	5hbm 1.189124112
## 25103	4jrx	5hbm 1.260303497
## 25104	4jry	5hbm 1.580428070
## 25105	4l3e	5hbm 1.445100899
## 25106	4mji	5hbm 1.654556337
## 25107	4mnq	5hbm 1.111831862
## 25108	4ozf	5hbm 1.641736241
## 25109	4ozg	5hbm 2.318414230
## 25110	4ozh	5hbm 1.884941221
## 25111	4ozi	5hbm 2.219448148
## 25112	4prh	5hbm 1.342502268
## 25113	4pri	5hbm 1.252851909
## 25114	4prp	5hbm 1.308539033
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## 25116	4qrp	5hbm 1.035599469
## 25117	4y19	5hbm 1.740602472
## 25118	4y1a	5hbm 1.258539110
## 25119	4z7u	5hbm 1.264690638
## 25120	4z7v	5hbm 1.249415085
## 25121	4z7w	5hbm 0.930650989
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## 25123	5d2n	5hbm 0.988599730
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## 25125	1ymm	5hbm 1.605365437
## 25126	2j8u	5hbm 0.726279074
## 25127	2jcc	5hbm 0.724071906
## 25128	2uwe	5hbm 0.726381401
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## 25132	3nfj	5hbm 0.886912748
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## 25134	3p16	5hbm 1.228788297
## 25135	3t0e	5hbm 1.220062962
## 25136	4euq	5hbm 1.273570639
## 25137	4grl	5hbm 1.261218121

## 25138	4h1l	5hbm 1.395220683
## 25139	4may	5hbm 1.286685652
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## 25143	4zez	5hbm 1.316998965
## 25144	5brz	5hbm 1.725159656
## 25145	5bs0	5hbm 2.520930310
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## 25147	5c08	5hbm 1.187546552
## 25148	5c09	5hbm 1.012962977
## 25149	5c0a	5hbm 1.028789614
## 25150	5c0b	5hbm 0.908977466
## 25151	5c0c	5hbm 1.261373271
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## 25153	5e9d	5hbm 1.102727838
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## 25155	5euo	5hbm 5.116981435
## 25156	5hbm	5hbm 0.000000000
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## 25158	5hyj	5hbm 0.872417496
## 25159	5isz	5hbm 1.401664837
## 25160	5jhd	5hbm 1.000567491
## 25161	5jzi	5hbm 1.316920174
## 25162	5ks9	5hbm 1.075278967
## 25163	5ksa	5hbm 1.444628835
## 25164	5ksb	5hbm 1.076617744
## 25165	5men	5hbm 1.111825263
## 25166	5nht	5hbm 1.563362117
## 25167	5nme	5hbm 0.580829107
## 25168	5nmf	5hbm 0.986519587
## 25169	5nmg	5hbm 0.832609312
## 25170	5nqk	5hbm 1.568367668
## 25171	5tez	5hbm 2.888772082
## 25172	5w1v	5hbm 2.175792513
## 25173	5w1w	5hbm 2.320126841
## 25174	5wkf	5hbm 1.122542625
## 25175	5wkh	5hbm 0.775575186
## 25176	5xot	5hbm 1.482137209
## 25177	5xov	5hbm 0.886912748
## 25178	5yxn	5hbm 1.348490470
## 25179	5yxu	5hbm 0.958368781
## 25180	6am5	5hbm 1.457101722
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## 25182	6avf	5hbm 2.112406325
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## 25185	6bj3	5hbm 1.475931581
## 25186	6bj8	5hbm 1.475838002
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## 25188	6cqn	5hbm 2.179804450
## 25189	6cqq	5hbm 1.503230466
## 25190	6cqr	5hbm 1.112349962
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## 25192	6dfx	5hbm 2.147279037
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## 25199	6px6	5hbm 1.221886186
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## 25202	6r2l	5hbm 1.290879331
## 25203	6rp9	5hbm 0.791457433
## 25204	6rpa	5hbm 1.418215784
## 25205	6rpb	5hbm 0.769086122
## 25206	6rsy	5hbm 0.904711884
## 25207	6tmo	5hbm 1.310343373
## 25208	6tro	5hbm 1.024188765
## 25209	6u3n	5hbm 1.204048750
## 25210	6u3o	5hbm 1.798595769
## 25211	6uon	5hbm 0.818026405
## 25212	6vm7	5hbm 1.330120978
## 25213	6vm8	5hbm 1.359866544
## 25214	6vma	5hbm 1.082305441
## 25215	6vmc	5hbm 1.164031636
## 25216	6vmx	5hbm 1.347100459
## 25217	6vqo	5hbm 0.824466882
## 25218	6vrm	5hbm 1.644816341
## 25219	6vrn	5hbm 1.333135389
## 25220	7n1e	5hbm 1.192611962
## 25221	7n1f	5hbm 1.233074214
## 25222	7n6e	5hbm 0.927590461
## 25223	6xc9	5hbm 1.201674638
## 25224	6xco	5hbm 1.423573562
## 25225	6xcp	5hbm 2.391362033
## 25226	6zkw	5hbm 1.395292491
## 25227	6zks	5hbm 1.238012308
## 25228	6zky	5hbm 1.396320377
## 25229	6zkz	5hbm 1.432826583
## 25230	7dzm	5hbm 1.348781989
## 25231	7dzn	5hbm 1.184000859
## 25232	7rm4	5hbm 0.908707595
## 25233	7rtr	5hbm 1.250616860
## 25234	7l1d	5hbm 1.351738638
## 25235	7sg0	5hbm 1.431684163
## 25236	7sg1	5hbm 1.300627478
## 25237	7sg2	5hbm 1.290843035
## 25238	7rrg	5hbm 1.119750968
## 25239	7n2s	5hbm 1.138385842
## 25240	7n2n	5hbm 1.129392740
## 25241	7n2o	5hbm 1.378245193
## 25242	7n2r	5hbm 1.340605849
## 25243	7n2p	5hbm 1.542320170
## 25244	7n2q	5hbm 1.104848387
## 25245	8cx4	5hbm 1.282828612

## 25246	8VCX	5hbm 2.013596237
## 25247	8VCY	5hbm 1.259662305
## 25248	8VD0	5hbm 0.880916723
## 25249	8VD2	5hbm 1.116929566
## 25250	6XCP	5hbm 2.391020246
## 25251	6XC0	5hbm 1.423935600
## 25252	6XC9	5hbm 1.201746584
## 25253	1ao7	5hho 1.610661943
## 25254	1bd2	5hho 0.978558117
## 25255	1fyt	5hho 1.319120021
## 25256	1j8h	5hho 1.541101721
## 25257	1mi5	5hho 1.294756686
## 25258	1oga	5hho 1.253155139
## 25259	1qrn	5hho 1.590364332
## 25260	1qse	5hho 1.623383500
## 25261	1qsf	5hho 1.581862849
## 25262	1zgl	5hho 1.105103151
## 25263	2ak4	5hho 0.810026313
## 25264	2bnq	5hho 1.098673225
## 25265	2bnr	5hho 0.824889646
## 25266	2esv	5hho 1.628767770
## 25267	2f53	5hho 0.954007047
## 25268	2f54	5hho 1.301992325
## 25269	2gj6	5hho 1.575973941
## 25270	2iam	5hho 3.152727831
## 25271	2ian	5hho 0.937932848
## 25272	2nx5	5hho 0.800510134
## 25273	2p5e	5hho 0.939821216
## 25274	2p5w	5hho 0.942972681
## 25275	2pye	5hho 0.720943677
## 25276	2vlj	5hho 1.179103558
## 25277	2vlk	5hho 2.339422363
## 25278	2vlr	5hho 0.959301640
## 25279	2xn9	5hho 0.986734052
## 25280	2ypl	5hho 1.014605910
## 25281	3d39	5hho 1.085180234
## 25282	3d3v	5hho 1.274668767
## 25283	3dxa	5hho 0.969099877
## 25284	3ffc	5hho 1.175435262
## 25285	3gsn	5hho 1.028167234
## 25286	3h9s	5hho 1.083239895
## 25287	3hg1	5hho 1.195330754
## 25288	3kpr	5hho 0.542748776
## 25289	3kps	5hho 0.885442027
## 25290	3kxf	5hho 0.912771497
## 25291	3mv7	5hho 1.248354918
## 25292	3mv8	5hho 0.856270967
## 25293	3mv9	5hho 1.552014692
## 25294	3o4l	5hho 0.991451267
## 25295	3pwp	5hho 1.086230279
## 25296	3qdq	5hho 1.490595464
## 25297	3qdj	5hho 1.491119326
## 25298	3qdm	5hho 1.874235371
## 25299	3qeq	5hho 0.982810883

## 25300	3qfj	5hho 1.102210624
## 25301	3sjv	5hho 1.029139769
## 25302	3uts	5hho 1.163220650
## 25303	3utt	5hho 0.985697543
## 25304	3vxm	5hho 0.788940584
## 25305	3vxr	5hho 1.023095567
## 25306	3vxs	5hho 0.781845985
## 25307	4c56	5hho 0.688658918
## 25308	4e41	5hho 4.433990382
## 25309	4eup	5hho 0.795847888
## 25310	4ftv	5hho 0.615710550
## 25311	4g8g	5hho 1.224313202
## 25312	4g9f	5hho 0.913308232
## 25313	4gg6	5hho 1.097935950
## 25314	4jfd	5hho 1.202730906
## 25315	4jfe	5hho 1.199933064
## 25316	4jff	5hho 1.198795595
## 25317	4jrx	5hho 0.936483135
## 25318	4jry	5hho 1.084331848
## 25319	4l3e	5hho 0.734495049
## 25320	4mji	5hho 1.997685738
## 25321	4mnq	5hho 1.287732172
## 25322	4ozf	5hho 0.978480741
## 25323	4ozg	5hho 3.511472228
## 25324	4ozh	5hho 2.268647177
## 25325	4ozi	5hho 3.520993943
## 25326	4prh	5hho 0.912248655
## 25327	4pri	5hho 0.924237679
## 25328	4prp	5hho 0.876356392
## 25329	4qok	5hho 1.246688759
## 25330	4qrp	5hho 0.999316033
## 25331	4y19	5hho 1.341336168
## 25332	4y1a	5hho 0.927879955
## 25333	4z7u	5hho 1.775160601
## 25334	4z7v	5hho 1.167630406
## 25335	4z7w	5hho 0.896159651
## 25336	5d2l	5hho 1.120788206
## 25337	5d2n	5hho 0.726525653
## 25338	1lp9	5hho 0.788423520
## 25339	1ymm	5hho 0.929655499
## 25340	2j8u	5hho 0.789318502
## 25341	2jcc	5hho 0.790273843
## 25342	2uwe	5hho 0.788217417
## 25343	2wbj	5hho 1.059651642
## 25344	3gjf	5hho 0.867856373
## 25345	3hae	5hho 1.111167707
## 25346	3nfj	5hho 0.959773743
## 25347	3o6f	5hho 0.943063890
## 25348	3pl6	5hho 1.258142277
## 25349	3t0e	5hho 1.004126863
## 25350	4euq	5hho 1.075892156
## 25351	4grl	5hho 0.742407156
## 25352	4h1l	5hho 1.124037745
## 25353	4may	5hho 1.030023998

## 25354	4p4k	5hho 0.775196326
## 25355	4qrr	5hho 1.029628534
## 25356	4wuu	5hho 0.924630334
## 25357	4zez	5hho 1.114753847
## 25358	5brz	5hho 2.619039045
## 25359	5bs0	5hho 3.296554163
## 25360	5c07	5hho 1.036515744
## 25361	5c08	5hho 0.963325578
## 25362	5c09	5hho 0.996076572
## 25363	5c0a	5hho 1.417358823
## 25364	5c0b	5hho 1.157589640
## 25365	5c0c	5hho 1.323069078
## 25366	5e6i	5hho 1.344048158
## 25367	5e9d	5hho 0.885287423
## 25368	5eu6	5hho 1.071597238
## 25369	5euo	5hho 7.460452437
## 25370	5hhm	5hho 1.443846137
## 25371	5hho	5hho 0.000000000
## 25372	5hyj	5hho 1.082992291
## 25373	5isz	5hho 1.389212819
## 25374	5jhd	5hho 1.234145842
## 25375	5jzi	5hho 1.113689816
## 25376	5ks9	5hho 1.425663012
## 25377	5ksa	5hho 0.821141017
## 25378	5ksb	5hho 0.751213690
## 25379	5men	5hho 1.285902261
## 25380	5nht	5hho 0.765288414
## 25381	5nme	5hho 1.418372301
## 25382	5nmf	5hho 1.047917968
## 25383	5nmg	5hho 0.804760207
## 25384	5nqk	5hho 0.773303385
## 25385	5tez	5hho 3.541364886
## 25386	5w1v	5hho 3.157991239
## 25387	5w1w	5hho 3.356289916
## 25388	5wkf	5hho 0.823141489
## 25389	5wkh	5hho 0.802911511
## 25390	5xot	5hho 0.921395054
## 25391	5xov	5hho 0.959773743
## 25392	5yxn	5hho 0.940915522
## 25393	5yxu	5hho 1.051733041
## 25394	6am5	5hho 0.742456014
## 25395	6amu	5hho 0.559966959
## 25396	6avf	5hho 1.596435416
## 25397	6avg	5hho 0.930291872
## 25398	6bj2	5hho 1.680189109
## 25399	6bj3	5hho 0.941985181
## 25400	6bj8	5hho 0.942969263
## 25401	6cql	5hho 0.937439984
## 25402	6cqn	5hho 2.764952934
## 25403	6cqq	5hho 1.706176572
## 25404	6cqr	5hho 0.826157320
## 25405	6d78	5hho 0.732359968
## 25406	6dfx	5hho 3.377731164
## 25407	6dkp	5hho 0.717717602

## 25408	6dxf	5hho 2.290085857
## 25409	6eqa	5hho 1.201460373
## 25410	6eqb	5hho 1.196597941
## 25411	6mtm	5hho 0.815423087
## 25412	6p64	5hho 3.040605439
## 25413	6px6	5hho 1.013599235
## 25414	6py2	5hho 1.099560388
## 25415	6q3s	5hho 1.130423510
## 25416	6r2l	5hho 1.048958914
## 25417	6rp9	5hho 1.033020705
## 25418	6rpa	5hho 0.950766033
## 25419	6rpb	5hho 1.063475067
## 25420	6rsy	5hho 0.938882494
## 25421	6tmo	5hho 0.855662855
## 25422	6tro	5hho 1.786575545
## 25423	6u3n	5hho 0.855843685
## 25424	6u3o	5hho 1.836897690
## 25425	6uon	5hho 1.155999428
## 25426	6vm7	5hho 0.711866660
## 25427	6vm8	5hho 0.719874925
## 25428	6vma	5hho 1.274260693
## 25429	6vmc	5hho 1.689470983
## 25430	6vmx	5hho 0.916537854
## 25431	6vqo	5hho 1.022132389
## 25432	6vrm	5hho 1.865809983
## 25433	6vrn	5hho 0.879998842
## 25434	7n1e	5hho 0.909694346
## 25435	7n1f	5hho 1.131103692
## 25436	7n6e	5hho 0.821957120
## 25437	6xc9	5hho 0.872353613
## 25438	6xco	5hho 1.014613745
## 25439	6xcp	5hho 2.955881489
## 25440	6zkw	5hho 0.885756780
## 25441	6zkk	5hho 1.053167730
## 25442	6zky	5hho 0.885060125
## 25443	6zkz	5hho 0.965301478
## 25444	7dzm	5hho 1.544110910
## 25445	7dzn	5hho 1.216467174
## 25446	7rm4	5hho 1.187719071
## 25447	7rtr	5hho 1.153950393
## 25448	7l1d	5hho 1.190007809
## 25449	7sg0	5hho 1.744678799
## 25450	7sg1	5hho 0.993223195
## 25451	7sg2	5hho 0.986218510
## 25452	7rrg	5hho 1.078323194
## 25453	7n2s	5hho 0.962175951
## 25454	7n2n	5hho 0.964868693
## 25455	7n2o	5hho 1.026140508
## 25456	7n2r	5hho 0.777951692
## 25457	7n2p	5hho 0.805412326
## 25458	7n2q	5hho 0.904790013
## 25459	8cx4	5hho 0.946734553
## 25460	8VCX	5hho 2.636083928
## 25461	8VCY	5hho 0.772226709

## 25462	8VD0	5hho	0.868694985
## 25463	8VD2	5hho	1.287743245
## 25464	6XCP	5hho	2.955461619
## 25465	6XC0	5hho	1.014578265
## 25466	6XC9	5hho	0.869368718
## 25467	1ao7	5hyj	1.250009139
## 25468	1bd2	5hyj	1.038192976
## 25469	1fyf	5hyj	1.153174769
## 25470	1j8h	5hyj	1.139174300
## 25471	1mi5	5hyj	1.071135949
## 25472	1oga	5hyj	1.130097908
## 25473	1qrn	5hyj	1.233264592
## 25474	1qse	5hyj	1.030776864
## 25475	1qsf	5hyj	1.230589047
## 25476	1zgl	5hyj	0.876171336
## 25477	2ak4	5hyj	0.779949959
## 25478	2bnq	5hyj	0.896101772
## 25479	2bnr	5hyj	0.917318409
## 25480	2esv	5hyj	1.246181831
## 25481	2f53	5hyj	1.044923334
## 25482	2f54	5hyj	0.826317761
## 25483	2gj6	5hyj	1.104386760
## 25484	2iam	5hyj	2.347852107
## 25485	2ian	5hyj	0.777871427
## 25486	2nx5	5hyj	0.552330608
## 25487	2p5e	5hyj	1.044126273
## 25488	2p5w	5hyj	1.045163352
## 25489	2pye	5hyj	1.103142379
## 25490	2vlj	5hyj	1.014336578
## 25491	2vlk	5hyj	1.573917566
## 25492	2vlr	5hyj	0.716100387
## 25493	2xn9	5hyj	0.983094834
## 25494	2yp1	5hyj	0.956925953
## 25495	3d39	5hyj	0.975347966
## 25496	3d3v	5hyj	1.124272054
## 25497	3dxa	5hyj	0.934767315
## 25498	3ffc	5hyj	1.315306258
## 25499	3gsn	5hyj	0.864548418
## 25500	3h9s	5hyj	0.976249041
## 25501	3hg1	5hyj	0.931507630
## 25502	3kpr	5hyj	0.659595495
## 25503	3kps	5hyj	1.129133475
## 25504	3kxf	5hyj	0.791092120
## 25505	3mv7	5hyj	1.228089726
## 25506	3mv8	5hyj	1.015284343
## 25507	3mv9	5hyj	1.252211189
## 25508	3o41	5hyj	1.041553385
## 25509	3pwp	5hyj	0.975200606
## 25510	3qdg	5hyj	0.950502924
## 25511	3qdj	5hyj	0.951391811
## 25512	3qdm	5hyj	1.234130926
## 25513	3qeq	5hyj	0.845431808
## 25514	3qfj	5hyj	0.870959055
## 25515	3sjv	5hyj	0.697288891

## 25516	3uts	5hyj	0.744442384
## 25517	3utt	5hyj	0.915402668
## 25518	3vxm	5hyj	1.023749480
## 25519	3vxr	5hyj	1.196375890
## 25520	3vxs	5hyj	1.118784553
## 25521	4c56	5hyj	0.657340970
## 25522	4e41	5hyj	2.806037679
## 25523	4eup	5hyj	0.746822471
## 25524	4ftv	5hyj	1.177051690
## 25525	4g8g	5hyj	1.413995399
## 25526	4g9f	5hyj	0.992294899
## 25527	4gg6	5hyj	1.172893201
## 25528	4jfd	5hyj	0.930624086
## 25529	4jfe	5hyj	0.930500110
## 25530	4jff	5hyj	0.930573102
## 25531	4jrx	5hyj	1.025083569
## 25532	4jry	5hyj	1.140678248
## 25533	4l3e	5hyj	1.088961192
## 25534	4mji	5hyj	1.800376503
## 25535	4mnq	5hyj	1.223082623
## 25536	4ozf	5hyj	0.999148252
## 25537	4ozg	5hyj	2.204222535
## 25538	4ozh	5hyj	1.428927950
## 25539	4ozi	5hyj	2.248278699
## 25540	4prh	5hyj	1.181012099
## 25541	4pri	5hyj	1.199412930
## 25542	4prp	5hyj	1.148405325
## 25543	4qok	5hyj	1.110460136
## 25544	4qrp	5hyj	0.944862915
## 25545	4y19	5hyj	1.402204187
## 25546	4y1a	5hyj	1.220969114
## 25547	4z7u	5hyj	1.183955941
## 25548	4z7v	5hyj	0.996318167
## 25549	4z7w	5hyj	0.833578372
## 25550	5d2l	5hyj	0.829942501
## 25551	5d2n	5hyj	0.723201587
## 25552	1lp9	5hyj	0.734981951
## 25553	1ymm	5hyj	1.305272316
## 25554	2j8u	5hyj	0.735458376
## 25555	2jcc	5hyj	0.734161205
## 25556	2uwe	5hyj	0.735033345
## 25557	2wbj	5hyj	0.749359452
## 25558	3gjf	5hyj	0.726779437
## 25559	3hae	5hyj	0.793785073
## 25560	3nfj	5hyj	0.573396349
## 25561	3o6f	5hyj	0.808875280
## 25562	3p16	5hyj	1.162484233
## 25563	3t0e	5hyj	1.027482706
## 25564	4euq	5hyj	1.183423851
## 25565	4grl	5hyj	0.927964527
## 25566	4h1l	5hyj	1.161809129
## 25567	4may	5hyj	1.251376241
## 25568	4p4k	5hyj	0.636947118
## 25569	4qrr	5hyj	1.147318800

## 25570	4wuu	5hyj 0.976485472
## 25571	4zez	5hyj 1.127020674
## 25572	5brz	5hyj 1.527717624
## 25573	5bs0	5hyj 2.031687137
## 25574	5c07	5hyj 0.359130980
## 25575	5c08	5hyj 0.771139809
## 25576	5c09	5hyj 0.917920731
## 25577	5c0a	5hyj 0.797956514
## 25578	5c0b	5hyj 1.070608105
## 25579	5c0c	5hyj 0.684782667
## 25580	5e6i	5hyj 0.739193510
## 25581	5e9d	5hyj 0.901957346
## 25582	5eu6	5hyj 1.059822556
## 25583	5euo	5hyj 4.850342185
## 25584	5hhm	5hyj 0.872417496
## 25585	5hho	5hyj 1.082992291
## 25586	5hyj	5hyj 0.000000000
## 25587	5isz	5hyj 0.936194927
## 25588	5jhd	5hyj 1.042119112
## 25589	5jzi	5hyj 1.126718727
## 25590	5ks9	5hyj 1.235949933
## 25591	5ksa	5hyj 1.042485321
## 25592	5ksb	5hyj 0.823118024
## 25593	5men	5hyj 1.222532141
## 25594	5nht	5hyj 1.017153236
## 25595	5nme	5hyj 0.859573072
## 25596	5nmf	5hyj 0.756501366
## 25597	5nmg	5hyj 0.763501715
## 25598	5nqk	5hyj 1.024071534
## 25599	5tez	5hyj 2.309687802
## 25600	5w1v	5hyj 2.053283001
## 25601	5w1w	5hyj 2.376848908
## 25602	5wkf	5hyj 1.000946511
## 25603	5wkh	5hyj 0.700302027
## 25604	5xot	5hyj 1.256007629
## 25605	5xov	5hyj 0.573396349
## 25606	5yxn	5hyj 1.089946202
## 25607	5yxu	5hyj 0.696699680
## 25608	6am5	5hyj 1.097310214
## 25609	6amu	5hyj 1.056469227
## 25610	6avf	5hyj 1.406219297
## 25611	6avg	5hyj 0.976165715
## 25612	6bj2	5hyj 1.264519451
## 25613	6bj3	5hyj 1.273140903
## 25614	6bj8	5hyj 1.276941385
## 25615	6cql	5hyj 1.174176494
## 25616	6cqn	5hyj 2.110751588
## 25617	6cqq	5hyj 0.988612212
## 25618	6cqr	5hyj 0.904124407
## 25619	6d78	5hyj 1.105646589
## 25620	6dfx	5hyj 2.172143254
## 25621	6dkp	5hyj 1.089918288
## 25622	6dxf	5hyj 1.419261636
## 25623	6eqa	5hyj 0.933652400

## 25624	6eqb	5hyj 0.930718995
## 25625	6mtm	5hyj 0.995614316
## 25626	6p64	5hyj 1.875778848
## 25627	6px6	5hyj 1.110914659
## 25628	6py2	5hyj 1.119635286
## 25629	6q3s	5hyj 1.104021071
## 25630	6r2l	5hyj 0.999647824
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## 25634	6rsy	5hyj 0.710768802
## 25635	6tmo	5hyj 0.961614901
## 25636	6tro	5hyj 1.328549935
## 25637	6u3n	5hyj 1.105284162
## 25638	6u3o	5hyj 1.376527861
## 25639	6uon	5hyj 0.597659265
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## 25641	6vm8	5hyj 1.073991410
## 25642	6vma	5hyj 1.130930878
## 25643	6vmc	5hyj 1.107613413
## 25644	6vmx	5hyj 0.934576747
## 25645	6vqo	5hyj 0.905837773
## 25646	6vrm	5hyj 1.243435019
## 25647	6vrn	5hyj 1.048251137
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## 25649	7n1f	5hyj 1.053750008
## 25650	7n6e	5hyj 0.635370038
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## 25652	6xco	5hyj 1.261654685
## 25653	6xcp	5hyj 2.158239557
## 25654	6zkw	5hyj 1.163629649
## 25655	6zkk	5hyj 1.108726268
## 25656	6zky	5hyj 1.164044020
## 25657	6zkz	5hyj 1.116654597
## 25658	7dzm	5hyj 1.237240973
## 25659	7dzn	5hyj 1.050447305
## 25660	7rm4	5hyj 0.753424952
## 25661	7rtr	5hyj 0.965870721
## 25662	7l1d	5hyj 1.180498951
## 25663	7sg0	5hyj 1.233748730
## 25664	7sg1	5hyj 0.977585224
## 25665	7sg2	5hyj 0.970611707
## 25666	7rrg	5hyj 0.985063318
## 25667	7n2s	5hyj 0.954345870
## 25668	7n2n	5hyj 0.945103777
## 25669	7n2o	5hyj 0.985718240
## 25670	7n2r	5hyj 1.083316477
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## 25673	8cx4	5hyj 1.004136906
## 25674	8VCX	5hyj 2.073927232
## 25675	8VCY	5hyj 0.921423500
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## 25677	8VD2	5hyj 1.198357363

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## 25899	1mi5	5jhd 1.125406998
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## 25902	1qse	5jhd 1.273192134
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## 25904	1zgl	5jhd 1.064214384
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## 25906	2bnq	5jhd 1.217147331
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## 25908	2esv	5jhd 1.306279520
## 25909	2f53	5jhd 1.199407776
## 25910	2f54	5jhd 0.969071375
## 25911	2gj6	5jhd 1.224759956
## 25912	2iam	5jhd 2.043948976
## 25913	2ian	5jhd 0.886487843
## 25914	2nx5	5jhd 0.763365839
## 25915	2p5e	5jhd 1.198622884
## 25916	2p5w	5jhd 1.199461704
## 25917	2pye	5jhd 1.277001042
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## 25920	2vlr	5jhd 0.770605525
## 25921	2xn9	5jhd 1.163684636
## 25922	2yp1	5jhd 1.317526001
## 25923	3d39	5jhd 1.106333957
## 25924	3d3v	5jhd 1.316492066
## 25925	3dxa	5jhd 0.930114096
## 25926	3ffc	5jhd 1.190503047
## 25927	3gsn	5jhd 1.116425108
## 25928	3h9s	5jhd 1.106470752
## 25929	3hg1	5jhd 1.082009695
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## 25935	3mv9	5jhd 1.480756923
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## 25962	4mji	5jhd 1.475535278
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## 26063	6tmo	5jhd 1.135837337
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## 26066	6u3o	5jhd 1.572301255
## 26067	6uon	5jhd 0.892933943
## 26068	6vm7	5jhd 1.341174043
## 26069	6vm8	5jhd 1.246313659
## 26070	6vma	5jhd 1.310254585
## 26071	6vmc	5jhd 1.291099626
## 26072	6vmx	5jhd 1.371016348
## 26073	6vqo	5jhd 0.962448880
## 26074	6vrm	5jhd 1.384046409
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## 26076	7n1e	5jhd 1.052784374
## 26077	7n1f	5jhd 1.071207150
## 26078	7n6e	5jhd 0.969236631
## 26079	6xc9	5jhd 1.098415938
## 26080	6xco	5jhd 1.249130479
## 26081	6xcp	5jhd 1.925349593
## 26082	6zkw	5jhd 1.355327439
## 26083	6zkk	5jhd 1.251815086
## 26084	6zky	5jhd 1.355032807
## 26085	6zkz	5jhd 1.414232627
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## 26087	7dzn	5jhd 1.133934454
## 26088	7rm4	5jhd 1.006678404
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## 26090	7l1d	5jhd 1.370194558
## 26091	7sg0	5jhd 1.562351883
## 26092	7sg1	5jhd 1.103569737
## 26093	7sg2	5jhd 1.107248053
## 26094	7rrg	5jhd 1.190592188
## 26095	7n2s	5jhd 1.127286399
## 26096	7n2n	5jhd 1.128635099
## 26097	7n2o	5jhd 1.218058814
## 26098	7n2r	5jhd 1.394301570
## 26099	7n2p	5jhd 1.227339223
## 26100	7n2q	5jhd 0.971406488
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## 26102	8VCX	5jhd 1.858180591
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## 26114	1oga	5jzi 1.328744021
## 26115	1qrn	5jzi 1.628463607
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## 26152	3qdg	5jzi 1.630429996
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## 26280	6u3o	5jzi 1.459392769
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## 26395	4ozi	5ks9 2.488567923
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## 26480	6eqb	5ks9 1.386198697
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## 26487	6rp9	5ks9 1.017164783

## 26488	6rpa	5ks9 1.285065028
## 26489	6rpb	5ks9 1.057638360
## 26490	6rsy	5ks9 0.969340029
## 26491	6tmo	5ks9 1.499426839
## 26492	6tro	5ks9 1.184477214
## 26493	6u3n	5ks9 1.150298947
## 26494	6u3o	5ks9 1.960770965
## 26495	6uon	5ks9 1.188628580
## 26496	6vm7	5ks9 1.166147213
## 26497	6vm8	5ks9 1.234465324
## 26498	6vma	5ks9 1.066866951
## 26499	6vmc	5ks9 1.329644980
## 26500	6vmx	5ks9 1.087655123
## 26501	6vqo	5ks9 0.780629104
## 26502	6vrm	5ks9 2.153627175
## 26503	6vrn	5ks9 1.174284002
## 26504	7n1e	5ks9 1.375078325
## 26505	7n1f	5ks9 1.208300451
## 26506	7n6e	5ks9 1.058375089
## 26507	6xc9	5ks9 1.348775708
## 26508	6xco	5ks9 1.116806512
## 26509	6xcp	5ks9 2.838357991
## 26510	6zkw	5ks9 1.226026414
## 26511	6zky	5ks9 1.146948227
## 26512	6zky	5ks9 1.225923040
## 26513	6zkz	5ks9 1.227768986
## 26514	7dzm	5ks9 1.495058424
## 26515	7dzn	5ks9 1.202303528
## 26516	7rm4	5ks9 1.062856519
## 26517	7rtr	5ks9 1.390458555
## 26518	7l1d	5ks9 1.098710983
## 26519	7sg0	5ks9 1.460856826
## 26520	7sg1	5ks9 1.280667800
## 26521	7sg2	5ks9 1.272661151
## 26522	7rrg	5ks9 1.309326701
## 26523	7n2s	5ks9 1.292246752
## 26524	7n2n	5ks9 1.287865610
## 26525	7n2o	5ks9 1.445560250
## 26526	7n2r	5ks9 1.372440830
## 26527	7n2p	5ks9 1.523999163
## 26528	7n2q	5ks9 1.215357424
## 26529	8cx4	5ks9 1.302504210
## 26530	8VCX	5ks9 2.239239978
## 26531	8VCY	5ks9 1.433510665
## 26532	8VD0	5ks9 0.849743996
## 26533	8VD2	5ks9 0.991649794
## 26534	6XCP	5ks9 2.837499038
## 26535	6XC0	5ks9 1.117566453
## 26536	6XC9	5ks9 1.351764908
## 26537	1ao7	5ksa 1.426593108
## 26538	1bd2	5ksa 0.879952627
## 26539	1fyt	5ksa 1.136727668
## 26540	1j8h	5ksa 1.421669777
## 26541	1mi5	5ksa 0.929030096

## 26542	1oga	5ksa 0.819005761
## 26543	1qrn	5ksa 1.521845916
## 26544	1qse	5ksa 1.507436633
## 26545	1qsf	5ksa 1.510677583
## 26546	1zgl	5ksa 1.012549311
## 26547	2ak4	5ksa 0.833700171
## 26548	2bnq	5ksa 0.935828318
## 26549	2bnr	5ksa 0.734357461
## 26550	2esv	5ksa 1.358364601
## 26551	2f53	5ksa 0.906753401
## 26552	2f54	5ksa 1.472167800
## 26553	2gj6	5ksa 1.415247919
## 26554	2iam	5ksa 3.401373713
## 26555	2ian	5ksa 0.817730028
## 26556	2nx5	5ksa 0.820807967
## 26557	2p5e	5ksa 0.900720974
## 26558	2p5w	5ksa 0.904364220
## 26559	2pye	5ksa 0.804764841
## 26560	2vlj	5ksa 1.052570606
## 26561	2vlk	5ksa 2.169107379
## 26562	2vlr	5ksa 0.999782573
## 26563	2xn9	5ksa 0.884480426
## 26564	2yp1	5ksa 0.761977970
## 26565	3d39	5ksa 0.616311565
## 26566	3d3v	5ksa 0.892361122
## 26567	3dxa	5ksa 1.052091644
## 26568	3ffc	5ksa 1.114251602
## 26569	3gsn	5ksa 0.661799230
## 26570	3h9s	5ksa 0.613855397
## 26571	3hg1	5ksa 0.844654666
## 26572	3kpr	5ksa 0.740240277
## 26573	3kps	5ksa 0.725219025
## 26574	3kxf	5ksa 0.848194537
## 26575	3mv7	5ksa 1.012569958
## 26576	3mv8	5ksa 0.831775955
## 26577	3mv9	5ksa 1.278440131
## 26578	3o41	5ksa 1.074765383
## 26579	3pwp	5ksa 0.616980061
## 26580	3qdg	5ksa 1.482081687
## 26581	3qdj	5ksa 1.482402152
## 26582	3qdm	5ksa 2.027923694
## 26583	3qeq	5ksa 0.774706256
## 26584	3qfj	5ksa 0.786478493
## 26585	3sjv	5ksa 0.990443271
## 26586	3uts	5ksa 1.237746692
## 26587	3utt	5ksa 0.741193363
## 26588	3vxm	5ksa 0.933733827
## 26589	3vxr	5ksa 0.579605786
## 26590	3vxs	5ksa 0.869220506
## 26591	4c56	5ksa 0.564540510
## 26592	4e41	5ksa 4.346577616
## 26593	4eup	5ksa 0.831690344
## 26594	4ftv	5ksa 0.815108090
## 26595	4g8g	5ksa 0.988693159

## 26596	4g9f	5ksa 0.760848339
## 26597	4gg6	5ksa 1.071446414
## 26598	4jfd	5ksa 0.854259274
## 26599	4jfe	5ksa 0.851003946
## 26600	4jff	5ksa 0.850190124
## 26601	4jrx	5ksa 0.809794367
## 26602	4jry	5ksa 0.696770729
## 26603	4l3e	5ksa 0.696157454
## 26604	4mji	5ksa 1.827752775
## 26605	4mnq	5ksa 1.105335398
## 26606	4ozf	5ksa 1.027869295
## 26607	4ozg	5ksa 3.507025250
## 26608	4ozh	5ksa 2.277229712
## 26609	4ozi	5ksa 3.487493296
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## 26611	4pri	5ksa 0.973055700
## 26612	4prp	5ksa 0.860439390
## 26613	4qok	5ksa 1.160547361
## 26614	4qrp	5ksa 0.837812960
## 26615	4y19	5ksa 0.935681464
## 26616	4y1a	5ksa 0.896458828
## 26617	4z7u	5ksa 1.779487753
## 26618	4z7v	5ksa 1.286359104
## 26619	4z7w	5ksa 0.817897645
## 26620	5d2l	5ksa 1.076554092
## 26621	5d2n	5ksa 0.710341095
## 26622	1lp9	5ksa 0.860789426
## 26623	1ymm	5ksa 0.836408780
## 26624	2j8u	5ksa 0.862068389
## 26625	2jcc	5ksa 0.863135051
## 26626	2uwe	5ksa 0.861033674
## 26627	2wbj	5ksa 0.940901485
## 26628	3gjf	5ksa 0.795552090
## 26629	3hae	5ksa 1.105454960
## 26630	3nfj	5ksa 0.780343243
## 26631	3o6f	5ksa 0.844801467
## 26632	3p16	5ksa 1.091302771
## 26633	3t0e	5ksa 0.851624113
## 26634	4euq	5ksa 1.013656425
## 26635	4grl	5ksa 0.693764849
## 26636	4h1l	5ksa 1.250919369
## 26637	4may	5ksa 0.916040617
## 26638	4p4k	5ksa 0.717038972
## 26639	4qrr	5ksa 0.687057064
## 26640	4wuu	5ksa 0.815620859
## 26641	4zez	5ksa 1.177482687
## 26642	5brz	5ksa 2.579689178
## 26643	5bs0	5ksa 3.372698170
## 26644	5c07	5ksa 1.085858361
## 26645	5c08	5ksa 0.863210302
## 26646	5c09	5ksa 0.751771282
## 26647	5c0a	5ksa 1.462570031
## 26648	5c0b	5ksa 1.104653648
## 26649	5c0c	5ksa 1.330028545

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## 26651	5e9d	5ksa 0.852063797
## 26652	5eu6	5ksa 0.952395705
## 26653	5euo	5ksa 7.425044920
## 26654	5hhm	5ksa 1.444628835
## 26655	5hho	5ksa 0.821141017
## 26656	5hyj	5ksa 1.042485321
## 26657	5isz	5ksa 1.109165119
## 26658	5jhd	5ksa 1.226629258
## 26659	5jzi	5ksa 1.176616001
## 26660	5ks9	5ksa 1.318142643
## 26661	5ksa	5ksa 0.000000000
## 26662	5ksb	5ksa 0.653534308
## 26663	5men	5ksa 1.105225460
## 26664	5nht	5ksa 0.867964465
## 26665	5nme	5ksa 1.308258333
## 26666	5nmf	5ksa 1.045891580
## 26667	5nmg	5ksa 0.788764110
## 26668	5nqk	5ksa 0.872220470
## 26669	5tez	5ksa 3.716958931
## 26670	5w1v	5ksa 3.221102745
## 26671	5w1w	5ksa 3.391304324
## 26672	5wkf	5ksa 0.728273002
## 26673	5wkh	5ksa 0.686226550
## 26674	5xot	5ksa 0.719084489
## 26675	5xov	5ksa 0.780343243
## 26676	5yxn	5ksa 0.673508731
## 26677	5yxu	5ksa 0.886480236
## 26678	6am5	5ksa 0.700414058
## 26679	6amu	5ksa 0.714608675
## 26680	6avf	5ksa 1.417743316
## 26681	6avg	5ksa 0.870683764
## 26682	6bj2	5ksa 1.713965098
## 26683	6bj3	5ksa 0.921017664
## 26684	6bj8	5ksa 0.927224607
## 26685	6cql	5ksa 0.748240751
## 26686	6cqn	5ksa 2.952772227
## 26687	6cqq	5ksa 1.703753205
## 26688	6cqr	5ksa 0.805758988
## 26689	6d78	5ksa 0.693334277
## 26690	6dfx	5ksa 3.269294237
## 26691	6dkp	5ksa 0.688268715
## 26692	6dxs	5ksa 2.227600500
## 26693	6eqa	5ksa 0.848697146
## 26694	6eqb	5ksa 0.848982218
## 26695	6mtm	5ksa 0.653443591
## 26696	6p64	5ksa 2.983394453
## 26697	6px6	5ksa 0.887901971
## 26698	6py2	5ksa 1.049267222
## 26699	6q3s	5ksa 0.723483354
## 26700	6r2l	5ksa 1.053297170
## 26701	6rp9	5ksa 0.968439688
## 26702	6rpa	5ksa 0.668711568
## 26703	6rpb	5ksa 1.081653422

## 26704	6rsy	5ksa 0.812520632
## 26705	6tmo	5ksa 1.116229626
## 26706	6tro	5ksa 1.626267926
## 26707	6u3n	5ksa 0.791829021
## 26708	6u3o	5ksa 1.924374859
## 26709	6uon	5ksa 1.034819532
## 26710	6vm7	5ksa 0.710744324
## 26711	6vm8	5ksa 0.645924629
## 26712	6vma	5ksa 1.122955345
## 26713	6vmc	5ksa 1.258577610
## 26714	6vmx	5ksa 1.012908381
## 26715	6vqo	5ksa 0.915351516
## 26716	6vrm	5ksa 1.944108366
## 26717	6vrn	5ksa 0.577964609
## 26718	7n1e	5ksa 0.984108283
## 26719	7n1f	5ksa 0.844785711
## 26720	7n6e	5ksa 0.865972896
## 26721	6xc9	5ksa 0.994696951
## 26722	6xco	5ksa 0.879404722
## 26723	6xcp	5ksa 3.251617736
## 26724	6zkw	5ksa 0.672007637
## 26725	6zkk	5ksa 0.727410817
## 26726	6zky	5ksa 0.670285942
## 26727	6zkz	5ksa 0.800000837
## 26728	7dzm	5ksa 1.470323399
## 26729	7dzn	5ksa 0.847245236
## 26730	7rm4	5ksa 1.193295531
## 26731	7rtr	5ksa 0.936937373
## 26732	7l1d	5ksa 0.762568680
## 26733	7sg0	5ksa 1.375836495
## 26734	7sg1	5ksa 1.006903724
## 26735	7sg2	5ksa 0.992532027
## 26736	7rrg	5ksa 0.957789032
## 26737	7n2s	5ksa 0.844338979
## 26738	7n2n	5ksa 0.852028304
## 26739	7n2o	5ksa 0.839739841
## 26740	7n2r	5ksa 0.996702780
## 26741	7n2p	5ksa 0.529096352
## 26742	7n2q	5ksa 0.912557211
## 26743	8cx4	5ksa 0.760858436
## 26744	8VCX	5ksa 2.764092023
## 26745	8VCY	5ksa 0.701415108
## 26746	8VD0	5ksa 0.876768150
## 26747	8VD2	5ksa 1.176612065
## 26748	6XCP	5ksa 3.251297736
## 26749	6XC0	5ksa 0.878727313
## 26750	6XC9	5ksa 0.993554306
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## 26752	1bd2	5ksb 0.643776035
## 26753	1fyt	5ksb 0.847571177
## 26754	1j8h	5ksb 1.181658595
## 26755	1mi5	5ksb 0.880010978
## 26756	1oga	5ksb 0.727895177
## 26757	1qrn	5ksb 1.172058672

## 26758	1qse	5ksb 1.265364408
## 26759	1qsf	5ksb 1.166542996
## 26760	1zgl	5ksb 0.773574903
## 26761	2ak4	5ksb 0.579550118
## 26762	2bnq	5ksb 0.952679134
## 26763	2bnr	5ksb 0.834681146
## 26764	2esv	5ksb 1.028559127
## 26765	2f53	5ksb 0.708815811
## 26766	2f54	5ksb 1.074622012
## 26767	2gj6	5ksb 1.197257721
## 26768	2iam	5ksb 2.278754810
## 26769	2ian	5ksb 0.684931499
## 26770	2nx5	5ksb 0.612425195
## 26771	2p5e	5ksb 0.704470508
## 26772	2p5w	5ksb 0.706372270
## 26773	2pye	5ksb 0.608118491
## 26774	2vlj	5ksb 0.843726391
## 26775	2vlk	5ksb 1.580052555
## 26776	2vlr	5ksb 0.725029505
## 26777	2xn9	5ksb 0.777140638
## 26778	2yp1	5ksb 0.880218518
## 26779	3d39	5ksb 0.765494449
## 26780	3d3v	5ksb 0.762468616
## 26781	3dxa	5ksb 0.715347535
## 26782	3ffc	5ksb 0.833119412
## 26783	3gsn	5ksb 0.743018947
## 26784	3h9s	5ksb 0.763869622
## 26785	3hg1	5ksb 0.859897169
## 26786	3kpr	5ksb 0.646282868
## 26787	3kps	5ksb 0.626555715
## 26788	3kxf	5ksb 0.652008724
## 26789	3mv7	5ksb 0.842436781
## 26790	3mv8	5ksb 0.806224643
## 26791	3mv9	5ksb 1.031199823
## 26792	3o41	5ksb 0.878126586
## 26793	3pwp	5ksb 0.765991557
## 26794	3qdg	5ksb 1.229614210
## 26795	3qdj	5ksb 1.229905253
## 26796	3qdm	5ksb 1.563601890
## 26797	3qeq	5ksb 0.817153354
## 26798	3qfj	5ksb 0.841104055
## 26799	3sjv	5ksb 0.740602821
## 26800	3uts	5ksb 0.976270353
## 26801	3utt	5ksb 0.708950671
## 26802	3vxm	5ksb 0.682823038
## 26803	3vxr	5ksb 0.641125050
## 26804	3vxs	5ksb 0.679988027
## 26805	4c56	5ksb 0.571543961
## 26806	4e41	5ksb 3.148947522
## 26807	4eup	5ksb 0.718366554
## 26808	4ftv	5ksb 0.663967033
## 26809	4g8g	5ksb 0.738628571
## 26810	4g9f	5ksb 0.833497860
## 26811	4gg6	5ksb 0.744478245

## 26812	4jfd	5ksb 0.865044532
## 26813	4jfe	5ksb 0.864517807
## 26814	4jff	5ksb 0.864782745
## 26815	4jrx	5ksb 0.638193102
## 26816	4jry	5ksb 0.687602714
## 26817	4l3e	5ksb 0.770639635
## 26818	4mji	5ksb 1.377505877
## 26819	4mnq	5ksb 0.848050489
## 26820	4ozf	5ksb 0.897319398
## 26821	4ozg	5ksb 2.573089530
## 26822	4ozh	5ksb 1.659597558
## 26823	4ozi	5ksb 2.596478150
## 26824	4prh	5ksb 0.650656983
## 26825	4pri	5ksb 0.715269951
## 26826	4prp	5ksb 0.631368026
## 26827	4qok	5ksb 1.026995130
## 26828	4qrp	5ksb 0.728883883
## 26829	4y19	5ksb 0.869310695
## 26830	4y1a	5ksb 0.846769638
## 26831	4z7u	5ksb 1.394049517
## 26832	4z7v	5ksb 0.906252610
## 26833	4z7w	5ksb 0.563545707
## 26834	5d2l	5ksb 0.786788989
## 26835	5d2n	5ksb 0.651913014
## 26836	1lp9	5ksb 0.595550347
## 26837	1ymm	5ksb 0.860263365
## 26838	2j8u	5ksb 0.595840330
## 26839	2jcc	5ksb 0.596848613
## 26840	2uwe	5ksb 0.595272037
## 26841	2wbj	5ksb 0.771579330
## 26842	3gjf	5ksb 0.666502129
## 26843	3hae	5ksb 0.810729442
## 26844	3nfj	5ksb 0.686502822
## 26845	3o6f	5ksb 0.658389877
## 26846	3p16	5ksb 0.896539419
## 26847	3t0e	5ksb 0.707497650
## 26848	4euq	5ksb 0.786122236
## 26849	4grl	5ksb 0.793599521
## 26850	4h1l	5ksb 0.819558193
## 26851	4may	5ksb 0.658250054
## 26852	4p4k	5ksb 0.672733993
## 26853	4qrr	5ksb 0.665980375
## 26854	4wuu	5ksb 0.844383200
## 26855	4zez	5ksb 0.795217187
## 26856	5brz	5ksb 1.869411948
## 26857	5bs0	5ksb 2.414677449
## 26858	5c07	5ksb 0.815424263
## 26859	5c08	5ksb 0.784091501
## 26860	5c09	5ksb 0.715624255
## 26861	5c0a	5ksb 1.010991248
## 26862	5c0b	5ksb 0.788944059
## 26863	5c0c	5ksb 1.029105820
## 26864	5e6i	5ksb 0.948136111
## 26865	5e9d	5ksb 0.701023619

## 26866	5eu6	5ksb 0.838811651
## 26867	5euo	5ksb 5.362620837
## 26868	5hhm	5ksb 1.076617744
## 26869	5hho	5ksb 0.751213690
## 26870	5hyj	5ksb 0.823118024
## 26871	5isz	5ksb 1.070599267
## 26872	5jhd	5ksb 0.996620331
## 26873	5jzi	5ksb 0.794616639
## 26874	5ks9	5ksb 0.947905372
## 26875	5ksa	5ksb 0.653534308
## 26876	5ksb	5ksb 0.000000000
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## 26878	5nht	5ksb 0.857083791
## 26879	5nme	5ksb 1.064882232
## 26880	5nmf	5ksb 0.849626252
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## 26882	5nqk	5ksb 0.861134969
## 26883	5tez	5ksb 2.677192600
## 26884	5w1v	5ksb 2.293613814
## 26885	5w1w	5ksb 2.444588963
## 26886	5wkf	5ksb 0.552602227
## 26887	5wkh	5ksb 0.663451714
## 26888	5xot	5ksb 0.594863052
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## 26890	5yxn	5ksb 0.744052947
## 26891	5yxu	5ksb 0.742708859
## 26892	6am5	5ksb 0.771190147
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## 26894	6avf	5ksb 1.180237210
## 26895	6avg	5ksb 0.690338440
## 26896	6bj2	5ksb 1.238271703
## 26897	6bj3	5ksb 0.646221673
## 26898	6bj8	5ksb 0.650172202
## 26899	6cql	5ksb 0.792437500
## 26900	6cqn	5ksb 2.031241589
## 26901	6cqq	5ksb 1.290339042
## 26902	6cqr	5ksb 0.518111184
## 26903	6d78	5ksb 0.771512903
## 26904	6dfx	5ksb 2.480044013
## 26905	6dkp	5ksb 0.764363776
## 26906	6dxf	5ksb 1.713625715
## 26907	6eqa	5ksb 0.862472291
## 26908	6eqb	5ksb 0.863451889
## 26909	6mtm	5ksb 0.715364430
## 26910	6p64	5ksb 2.236885327
## 26911	6px6	5ksb 0.655294658
## 26912	6py2	5ksb 0.832172144
## 26913	6q3s	5ksb 0.856779325
## 26914	6r2l	5ksb 0.734108517
## 26915	6rp9	5ksb 0.712204168
## 26916	6rpa	5ksb 0.625830853
## 26917	6rpb	5ksb 0.795367984
## 26918	6rsy	5ksb 0.766730841
## 26919	6tmo	5ksb 0.808487355

## 26920	6tro	5ksb 1.288677041
## 26921	6u3n	5ksb 0.726168814
## 26922	6u3o	5ksb 1.397031503
## 26923	6uon	5ksb 0.872338778
## 26924	6vm7	5ksb 0.701131924
## 26925	6vm8	5ksb 0.626624544
## 26926	6vma	5ksb 0.958444300
## 26927	6vmc	5ksb 1.059311000
## 26928	6vmx	5ksb 0.707795252
## 26929	6vqo	5ksb 0.799711696
## 26930	6vrm	5ksb 1.400765549
## 26931	6vrn	5ksb 0.739493150
## 26932	7n1e	5ksb 0.775215523
## 26933	7n1f	5ksb 0.713955991
## 26934	7n6e	5ksb 0.631812086
## 26935	6xc9	5ksb 0.709477106
## 26936	6xco	5ksb 0.620391887
## 26937	6xcp	5ksb 2.201574103
## 26938	6zkw	5ksb 0.699370841
## 26939	6zxx	5ksb 0.846735250
## 26940	6zky	5ksb 0.697729176
## 26941	6zkz	5ksb 0.684187300
## 26942	7dzm	5ksb 1.181973525
## 26943	7dzn	5ksb 0.911157614
## 26944	7rm4	5ksb 0.912443535
## 26945	7rtr	5ksb 0.753985720
## 26946	7l1d	5ksb 0.873464422
## 26947	7sg0	5ksb 1.160642671
## 26948	7sg1	5ksb 0.656038209
## 26949	7sg2	5ksb 0.655347309
## 26950	7rrg	5ksb 0.902662961
## 26951	7n2s	5ksb 0.895526553
## 26952	7n2n	5ksb 0.901253765
## 26953	7n2o	5ksb 0.673547664
## 26954	7n2r	5ksb 0.747702270
## 26955	7n2p	5ksb 0.673827119
## 26956	7n2q	5ksb 0.786582898
## 26957	8cx4	5ksb 0.618716677
## 26958	8VCX	5ksb 2.068065620
## 26959	8VCY	5ksb 0.796906770
## 26960	8VD0	5ksb 0.636312049
## 26961	8VD2	5ksb 0.955034354
## 26962	6XCP	5ksb 2.203222067
## 26963	6XC0	5ksb 0.620911048
## 26964	6XC9	5ksb 0.709682994
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## 26966	1bd2	5men 0.891599210
## 26967	1fyt	5men 0.639309840
## 26968	1j8h	5men 1.161114639
## 26969	1mi5	5men 0.824859655
## 26970	1oga	5men 0.633872066
## 26971	1qrn	5men 0.863732191
## 26972	1qse	5men 1.327857222
## 26973	1qsf	5men 0.859966002

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## 26976	2bnq	5men 1.124941833
## 26977	2bnr	5men 1.206812672
## 26978	2esv	5men 0.632470859
## 26979	2f53	5men 0.717829237
## 26980	2f54	5men 1.597030926
## 26981	2gj6	5men 1.016986511
## 26982	2iam	5men 3.347300298
## 26983	2ian	5men 0.773186333
## 26984	2nx5	5men 0.827768490
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## 26986	2p5w	5men 0.725970374
## 26987	2pye	5men 0.947166158
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## 26989	2vlk	5men 1.358031048
## 26990	2vlr	5men 1.041364615
## 26991	2xn9	5men 0.828609851
## 26992	2yp1	5men 1.354039799
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## 26994	3d3v	5men 0.535489995
## 26995	3dxa	5men 1.182534090
## 26996	3ffc	5men 0.979715563
## 26997	3gsn	5men 1.123159637
## 26998	3h9s	5men 0.885083905
## 26999	3hg1	5men 1.023453761
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## 27001	3kps	5men 0.860907962
## 27002	3kxf	5men 0.776367063
## 27003	3mv7	5men 0.715985666
## 27004	3mv8	5men 1.134371638
## 27005	3mv9	5men 0.665655900
## 27006	3o41	5men 1.164836828
## 27007	3pwp	5men 0.885692069
## 27008	3qdg	5men 1.534049797
## 27009	3qdj	5men 1.533201813
## 27010	3qdm	5men 2.429787012
## 27011	3qeq	5men 1.293232182
## 27012	3qfj	5men 1.217293946
## 27013	3sjv	5men 0.996884396
## 27014	3uts	5men 1.184126321
## 27015	3utt	5men 0.737301460
## 27016	3vxm	5men 0.938621794
## 27017	3vxr	5men 1.002879232
## 27018	3vxs	5men 1.023445184
## 27019	4c56	5men 0.812772850
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## 27021	4eup	5men 0.947272693
## 27022	4ftv	5men 0.879518645
## 27023	4g8g	5men 0.937316660
## 27024	4g9f	5men 0.843989750
## 27025	4gg6	5men 1.158064120
## 27026	4jfd	5men 1.030999305
## 27027	4jfe	5men 1.032144800

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## 27029	4jrx	5men 0.842786869
## 27030	4jry	5men 1.164651798
## 27031	4l3e	5men 1.084021421
## 27032	4mji	5men 1.522042907
## 27033	4mnq	5men 0.015577648
## 27034	4ozf	5men 1.704059426
## 27035	4ozg	5men 3.365055215
## 27036	4ozh	5men 2.503918713
## 27037	4ozi	5men 3.235702822
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## 27040	4prp	5men 0.708189508
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## 27042	4qrp	5men 0.736133154
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## 27047	4z7w	5men 0.684257731
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## 27058	3nfj	5men 0.929554189
## 27059	3o6f	5men 0.644200376
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## 27064	4h1l	5men 1.459481471
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## 27066	4p4k	5men 0.933116206
## 27067	4qrr	5men 0.906867782
## 27068	4wuu	5men 1.271327504
## 27069	4zez	5men 1.376891187
## 27070	5brz	5men 2.416156938
## 27071	5bs0	5men 3.492128373
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## 27073	5c08	5men 1.196969173
## 27074	5c09	5men 0.741045026
## 27075	5c0a	5men 1.486108880
## 27076	5c0b	5men 0.769688838
## 27077	5c0c	5men 1.677856745
## 27078	5e6i	5men 1.171970489
## 27079	5e9d	5men 0.923315559
## 27080	5eu6	5men 0.926276189
## 27081	5euo	5men 7.318388323

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## 27083	5hho	5men 1.285902261
## 27084	5hyj	5men 1.222532141
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## 27086	5jhd	5men 1.312524607
## 27087	5jzi	5men 1.376310658
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## 27089	5ksa	5men 1.105225460
## 27090	5ksb	5men 0.848516041
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## 27093	5nme	5men 1.132391850
## 27094	5nmf	5men 1.204293583
## 27095	5nmg	5men 0.982134073
## 27096	5nqk	5men 1.427941216
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## 27099	5w1w	5men 3.358553617
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## 27129	6rp9	5men 1.043463230
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## 27137	6uon	5men 1.108008665
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## 27140	6vma	5men 0.621067959
## 27141	6vmc	5men 1.161586830
## 27142	6vmx	5men 1.162131339
## 27143	6vqo	5men 0.555382189
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## 27148	7n6e	5men 0.894052535
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## 27150	6xco	5men 1.007864574
## 27151	6xcp	5men 3.313006377
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## 27159	7rtr	5men 0.924515871
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## 27187	1qsf	5nht 1.732137644
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## 27191	2bnr	5nht 0.458379878
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## 27193	2f53	5nht 1.046107485
## 27194	2f54	5nht 1.252880492
## 27195	2gj6	5nht 1.520085297
## 27196	2iam	5nht 3.549944187
## 27197	2ian	5nht 0.983646108
## 27198	2nx5	5nht 0.821509050
## 27199	2p5e	5nht 1.037960730
## 27200	2p5w	5nht 1.040500370
## 27201	2pye	5nht 0.886870497
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## 27207	3d39	5nht 1.133936834
## 27208	3d3v	5nht 1.234588362
## 27209	3dxa	5nht 1.052740129
## 27210	3ffc	5nht 1.429759559
## 27211	3gsn	5nht 0.910109864
## 27212	3h9s	5nht 1.133871099
## 27213	3hg1	5nht 1.157910038
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## 27219	3mv9	5nht 1.452192869
## 27220	3o41	5nht 1.348279591
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## 27222	3qdg	5nht 1.212611236
## 27223	3qdj	5nht 1.213817844
## 27224	3qdm	5nht 1.572988296
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## 27234	4e41	5nht 4.371669058
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## 27237	4g8g	5nht 1.459109174
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## 27250	4ozh	5nht 2.089067557
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## 27254	4prp	5nht 1.124976298
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## 27258	4y1a	5nht 1.116904919
## 27259	4z7u	5nht 1.767494003
## 27260	4z7v	5nht 1.365228569
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## 27262	5d2l	5nht 1.226622423
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## 27266	2j8u	5nht 1.011692209
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## 27352	6vm7	5nht 0.896464850
## 27353	6vm8	5nht 0.857756418
## 27354	6vma	5nht 1.259634108
## 27355	6vmc	5nht 1.663576359
## 27356	6vmx	5nht 0.943228643
## 27357	6vqo	5nht 1.033476213
## 27358	6vrm	5nht 1.806783179
## 27359	6vrn	5nht 1.026643870
## 27360	7n1e	5nht 1.182500804
## 27361	7n1f	5nht 1.214166256
## 27362	7n6e	5nht 0.850546232
## 27363	6xc9	5nht 0.840824084
## 27364	6xco	5nht 1.402916049
## 27365	6xcp	5nht 3.266600045
## 27366	6zkw	5nht 0.922056365
## 27367	6zxx	5nht 1.115077461
## 27368	6zky	5nht 0.923299066
## 27369	6zkz	5nht 0.817217649
## 27370	7dzm	5nht 1.827199006
## 27371	7dzn	5nht 1.287937678
## 27372	7rm4	5nht 1.139464485
## 27373	7rtr	5nht 1.113245092
## 27374	7l1d	5nht 1.186820464
## 27375	7sg0	5nht 1.437501323
## 27376	7sg1	5nht 1.105075147
## 27377	7sg2	5nht 1.085906330
## 27378	7rrg	5nht 1.056197810
## 27379	7n2s	5nht 0.993103513
## 27380	7n2n	5nht 0.971248090
## 27381	7n2o	5nht 0.952539931
## 27382	7n2r	5nht 0.901458786
## 27383	7n2p	5nht 0.714233114
## 27384	7n2q	5nht 0.847357613
## 27385	8cx4	5nht 1.019886166
## 27386	8VCX	5nht 2.969701911
## 27387	8VCY	5nht 0.924293925
## 27388	8VD0	5nht 1.058980650
## 27389	8VD2	5nht 1.321724329
## 27390	6XCP	5nht 3.266992287
## 27391	6XC0	5nht 1.402726412
## 27392	6XC9	5nht 0.842128214
## 27393	1ao7	5nme 1.028684389
## 27394	1bd2	5nme 1.230066828
## 27395	1fyt	5nme 1.047701016
## 27396	1j8h	5nme 0.855347997
## 27397	1mi5	5nme 0.978708958
## 27398	1oga	5nme 1.204355391
## 27399	1qrn	5nme 0.890324111
## 27400	1qse	5nme 0.875475870
## 27401	1qsf	5nme 0.890812283
## 27402	1zgl	5nme 1.010294986
## 27403	2ak4	5nme 0.898635905
## 27404	2bnq	5nme 1.034731608
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## 27409	2gj6	5nme 0.769138091
## 27410	2iam	5nme 2.351422056
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## 27412	2nx5	5nme 0.729902375
## 27413	2p5e	5nme 1.178367421
## 27414	2p5w	5nme 1.179040609
## 27415	2pye	5nme 1.381574590
## 27416	2vlj	5nme 1.449399098
## 27417	2vlk	5nme 1.028142202
## 27418	2vlr	5nme 0.784502037
## 27419	2xn9	5nme 1.046517732
## 27420	2yp1	5nme 1.275669667
## 27421	3d39	5nme 1.037972484
## 27422	3d3v	5nme 1.173543321
## 27423	3dxa	5nme 1.071637169
## 27424	3ffc	5nme 1.273962367
## 27425	3gsn	5nme 1.133351419
## 27426	3h9s	5nme 1.039802975
## 27427	3hg1	5nme 0.998267041
## 27428	3kpr	5nme 0.984662201
## 27429	3kps	5nme 1.356824940
## 27430	3kxf	5nme 0.786975758
## 27431	3mv7	5nme 1.331293231
## 27432	3mv8	5nme 1.106143871
## 27433	3mv9	5nme 1.157388337
## 27434	3o41	5nme 1.082879364
## 27435	3pwp	5nme 1.037736436
## 27436	3qdg	5nme 1.034765412
## 27437	3qdj	5nme 1.033970307
## 27438	3qdm	5nme 1.644042549
## 27439	3qeq	5nme 1.145863230
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## 27441	3sjv	5nme 0.721110776
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## 27444	3vxm	5nme 1.291031456
## 27445	3vxr	5nme 1.382673790
## 27446	3vxs	5nme 1.441637749
## 27447	4c56	5nme 0.877830972
## 27448	4e41	5nme 2.433902181
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## 27450	4ftv	5nme 1.371445699
## 27451	4g8g	5nme 1.558811378
## 27452	4g9f	5nme 1.018021061
## 27453	4gg6	5nme 1.271896245
## 27454	4jfd	5nme 0.993821264
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## 27458	4jry	5nme 1.483311898
## 27459	4l3e	5nme 1.335395777

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## 27463	4ozg	5nme 2.127551910
## 27464	4ozh	5nme 1.748664424
## 27465	4ozi	5nme 2.036864984
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## 27467	4pri	5nme 1.281182634
## 27468	4prp	5nme 1.322045825
## 27469	4qok	5nme 0.884465683
## 27470	4qrp	5nme 0.970148952
## 27471	4y19	5nme 1.679517239
## 27472	4y1a	5nme 1.269495551
## 27473	4z7u	5nme 1.165613380
## 27474	4z7v	5nme 1.193436797
## 27475	4z7w	5nme 0.921763333
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## 27478	1lp9	5nme 0.760471529
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## 27482	2uwe	5nme 0.761446415
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## 27486	3nfj	5nme 0.797985267
## 27487	3o6f	5nme 0.784169658
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## 27491	4grl	5nme 1.103512675
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## 27494	4p4k	5nme 0.825744441
## 27495	4qrr	5nme 1.237924576
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## 27504	5c0b	5nme 1.023093914
## 27505	5c0c	5nme 1.150030779
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## 27507	5e9d	5nme 1.122566425
## 27508	5eu6	5nme 1.062156293
## 27509	5euo	5nme 4.823878074
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## 27511	5hho	5nme 1.418372301
## 27512	5hyj	5nme 0.859573072
## 27513	5isz	5nme 1.151419757

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## 27517	5ksa	5nme 1.308258333
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## 27522	5nmf	5nme 0.799874915
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## 27524	5nqk	5nme 1.431630412
## 27525	5tez	5nme 2.690155745
## 27526	5w1v	5nme 2.139104857
## 27527	5w1w	5nme 2.162829150
## 27528	5wkf	5nme 1.174951320
## 27529	5wkh	5nme 0.760296656
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## 27550	6eqb	5nme 0.997385859
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## 27552	6p64	5nme 1.663711166
## 27553	6px6	5nme 1.214386717
## 27554	6py2	5nme 1.075576679
## 27555	6q3s	5nme 1.053264408
## 27556	6r2l	5nme 1.223168131
## 27557	6rp9	5nme 0.871599906
## 27558	6rpa	5nme 1.338816851
## 27559	6rpb	5nme 0.742425178
## 27560	6rsy	5nme 0.894593143
## 27561	6tmo	5nme 1.257046975
## 27562	6tro	5nme 0.955972126
## 27563	6u3n	5nme 1.176772650
## 27564	6u3o	5nme 1.694350639
## 27565	6uon	5nme 0.655100876
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## 27570	6vmx	5nme 1.393678565
## 27571	6vqo	5nme 0.760667327
## 27572	6vrm	5nme 1.521706530
## 27573	6vrn	5nme 1.190981645
## 27574	7n1e	5nme 1.174338194
## 27575	7n1f	5nme 1.088586814
## 27576	7n6e	5nme 0.943252485
## 27577	6xc9	5nme 1.207271565
## 27578	6xco	5nme 1.425060724
## 27579	6xcp	5nme 2.271447804
## 27580	6zkw	5nme 1.370382785
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## 27583	6zkz	5nme 1.381318814
## 27584	7dzm	5nme 1.216706281
## 27585	7dzn	5nme 1.022884557
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## 27587	7rtr	5nme 1.157160468
## 27588	7l1d	5nme 1.223789732
## 27589	7sg0	5nme 1.244688241
## 27590	7sg1	5nme 1.276105261
## 27591	7sg2	5nme 1.270388685
## 27592	7rrg	5nme 1.006150011
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## 27595	7n2o	5nme 1.300528192
## 27596	7n2r	5nme 1.419472654
## 27597	7n2p	5nme 1.389909626
## 27598	7n2q	5nme 1.018235930
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## 27601	8VCY	5nme 1.096136907
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## 27603	8VD2	5nme 1.092239265
## 27604	6XCP	5nme 2.271666315
## 27605	6XC0	5nme 1.425060512
## 27606	6XC9	5nme 1.207997293
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## 27609	1fyt	5nmf 0.997943997
## 27610	1j8h	5nmf 0.981719378
## 27611	1mi5	5nmf 1.066694222
## 27612	1oga	5nmf 1.145223655
## 27613	1qrn	5nmf 1.049942582
## 27614	1qse	5nmf 0.879807624
## 27615	1qsf	5nmf 1.045570576
## 27616	1zgl	5nmf 0.943096039
## 27617	2ak4	5nmf 0.812271506
## 27618	2bnq	5nmf 0.885610695
## 27619	2bnr	5nmf 0.965879558
## 27620	2esv	5nmf 1.159838827
## 27621	2f53	5nmf 0.902110771

## 27622	2f54	5nmf 0.730157885
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## 27626	2nx5	5nmf 0.677122631
## 27627	2p5e	5nmf 0.902258200
## 27628	2p5w	5nmf 0.902185696
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## 27631	2vlk	5nmf 1.401014319
## 27632	2vlr	5nmf 0.596813201
## 27633	2xn9	5nmf 1.009958770
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## 27635	3d39	5nmf 0.885755847
## 27636	3d3v	5nmf 1.126369912
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## 27638	3ffc	5nmf 1.262332244
## 27639	3gsn	5nmf 0.780982359
## 27640	3h9s	5nmf 0.886014530
## 27641	3hg1	5nmf 0.742067671
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## 27643	3kps	5nmf 1.072051532
## 27644	3kxf	5nmf 0.811747011
## 27645	3mv7	5nmf 1.331359536
## 27646	3mv8	5nmf 0.797717580
## 27647	3mv9	5nmf 1.303738468
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## 27649	3pwp	5nmf 0.886447378
## 27650	3qdg	5nmf 0.715097649
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## 27654	3qfj	5nmf 0.649454481
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## 27659	3vxr	5nmf 1.263733502
## 27660	3vxs	5nmf 1.081485623
## 27661	4c56	5nmf 0.773927679
## 27662	4e41	5nmf 2.832801693
## 27663	4eup	5nmf 0.773424722
## 27664	4ftv	5nmf 1.163009732
## 27665	4g8g	5nmf 1.494816033
## 27666	4g9f	5nmf 1.021783028
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## 27668	4jfd	5nmf 0.735088451
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## 27682	4prp	5nmf 1.201256609
## 27683	4qok	5nmf 0.941911193
## 27684	4qrp	5nmf 0.943194029
## 27685	4y19	5nmf 1.544647317
## 27686	4y1a	5nmf 1.247269484
## 27687	4z7u	5nmf 1.150506782
## 27688	4z7v	5nmf 0.890668409
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## 27691	5d2n	5nmf 0.680155473
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## 27693	1ymm	5nmf 1.393851306
## 27694	2j8u	5nmf 0.669805198
## 27695	2jcc	5nmf 0.669782184
## 27696	2uwe	5nmf 0.669474044
## 27697	2wbj	5nmf 0.795643349
## 27698	3gjf	5nmf 0.784865572
## 27699	3hae	5nmf 0.784884515
## 27700	3nfj	5nmf 0.709035973
## 27701	3o6f	5nmf 0.841858297
## 27702	3p16	5nmf 1.180200148
## 27703	3t0e	5nmf 1.017255550
## 27704	4euq	5nmf 1.262007991
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## 27718	5c0b	5nmf 1.138010157
## 27719	5c0c	5nmf 0.847087169
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## 27721	5e9d	5nmf 0.861889113
## 27722	5eu6	5nmf 1.105412202
## 27723	5euo	5nmf 4.830021981
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## 27746	5yxn	5nmf 1.170806509
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## 27748	6am5	5nmf 1.215870661
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## 27754	6bj8	5nmf 1.214420130
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## 27757	6cqq	5nmf 1.168348604
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## 27777	6u3n	5nmf 0.967490841
## 27778	6u3o	5nmf 1.325155034
## 27779	6uon	5nmf 0.758258893
## 27780	6vm7	5nmf 1.162210513
## 27781	6vm8	5nmf 1.099887923
## 27782	6vma	5nmf 1.126829834
## 27783	6vmc	5nmf 1.212814206

## 27784	6vmx	5nmf 1.116210992
## 27785	6vqo	5nmf 0.834961512
## 27786	6vrm	5nmf 0.751914804
## 27787	6vrn	5nmf 1.126348398
## 27788	7n1e	5nmf 0.702230482
## 27789	7n1f	5nmf 0.902526997
## 27790	7n6e	5nmf 0.711206707
## 27791	6xc9	5nmf 0.836100447
## 27792	6xco	5nmf 1.213471033
## 27793	6xcp	5nmf 1.791686774
## 27794	6zkw	5nmf 1.112208282
## 27795	6zkk	5nmf 1.057658765
## 27796	6zky	5nmf 1.112491204
## 27797	6zkz	5nmf 1.225362965
## 27798	7dzm	5nmf 1.118042916
## 27799	7dzn	5nmf 0.965439933
## 27800	7rm4	5nmf 0.907348063
## 27801	7rtr	5nmf 0.802981737
## 27802	7l1d	5nmf 1.269069934
## 27803	7sg0	5nmf 1.284615389
## 27804	7sg1	5nmf 0.981119196
## 27805	7sg2	5nmf 0.980843340
## 27806	7rrg	5nmf 0.886362600
## 27807	7n2s	5nmf 0.878355309
## 27808	7n2n	5nmf 0.875701368
## 27809	7n2o	5nmf 0.847690813
## 27810	7n2r	5nmf 1.109923320
## 27811	7n2p	5nmf 0.957985176
## 27812	7n2q	5nmf 0.790661458
## 27813	8cx4	5nmf 0.853603414
## 27814	8VCX	5nmf 1.806181797
## 27815	8VCY	5nmf 0.767652400
## 27816	8VD0	5nmf 0.859084936
## 27817	8VD2	5nmf 1.213807966
## 27818	6XCP	5nmf 1.791861940
## 27819	6XC0	5nmf 1.213523300
## 27820	6XC9	5nmf 0.835073501
## 27821	1ao7	5nmg 1.138252118
## 27822	1bd2	5nmg 0.882124259
## 27823	1fyt	5nmg 0.978270783
## 27824	1j8h	5nmg 1.022197482
## 27825	1mi5	5nmg 0.851218402
## 27826	1oga	5nmg 0.960604960
## 27827	1qrn	5nmg 1.113137636
## 27828	1qse	5nmg 1.092296877
## 27829	1qsf	5nmg 1.108589028
## 27830	1zgl	5nmg 0.879311996
## 27831	2ak4	5nmg 0.681997449
## 27832	2bnq	5nmg 0.854521998
## 27833	2bnr	5nmg 0.805478134
## 27834	2esv	5nmg 1.115352459
## 27835	2f53	5nmg 0.898856659
## 27836	2f54	5nmg 0.868228611
## 27837	2gj6	5nmg 1.007821897

## 27838	2iam	5nmg 2.233412821
## 27839	2ian	5nmg 0.701000162
## 27840	2nx5	5nmg 0.561626265
## 27841	2p5e	5nmg 0.895614849
## 27842	2p5w	5nmg 0.897353298
## 27843	2pye	5nmg 0.898393593
## 27844	2vlj	5nmg 1.079236753
## 27845	2vlk	5nmg 1.511230932
## 27846	2vlr	5nmg 0.714746394
## 27847	2xn9	5nmg 0.799472432
## 27848	2yp1	5nmg 0.874978543
## 27849	3d39	5nmg 0.801843317
## 27850	3d3v	5nmg 0.972130197
## 27851	3dxa	5nmg 0.842454113
## 27852	3ffc	5nmg 0.972226469
## 27853	3gsn	5nmg 0.827254806
## 27854	3h9s	5nmg 0.801768786
## 27855	3hg1	5nmg 0.873448227
## 27856	3kpr	5nmg 0.679788859
## 27857	3kps	5nmg 0.921533921
## 27858	3kxf	5nmg 0.668757885
## 27859	3mv7	5nmg 1.039230177
## 27860	3mv8	5nmg 0.735600666
## 27861	3mv9	5nmg 1.129119014
## 27862	3o4l	5nmg 0.828899322
## 27863	3pwp	5nmg 0.801884606
## 27864	3qdg	5nmg 1.081008068
## 27865	3qdj	5nmg 1.081241409
## 27866	3qdm	5nmg 1.473084601
## 27867	3qeq	5nmg 0.828253966
## 27868	3qfj	5nmg 0.871994944
## 27869	3sjv	5nmg 0.697428802
## 27870	3uts	5nmg 0.703479546
## 27871	3utt	5nmg 0.676138382
## 27872	3vxm	5nmg 0.890491291
## 27873	3vxr	5nmg 0.863065414
## 27874	3vxs	5nmg 0.948526724
## 27875	4c56	5nmg 0.585296574
## 27876	4e41	5nmg 2.830874653
## 27877	4eup	5nmg 0.648748583
## 27878	4ftv	5nmg 0.860235808
## 27879	4g8g	5nmg 1.062480960
## 27880	4g9f	5nmg 0.711527977
## 27881	4gg6	5nmg 0.892161928
## 27882	4jfd	5nmg 0.875682988
## 27883	4jfe	5nmg 0.873834743
## 27884	4jff	5nmg 0.873007730
## 27885	4jrx	5nmg 0.901764676
## 27886	4jry	5nmg 0.996734395
## 27887	4l3e	5nmg 0.789772233
## 27888	4mji	5nmg 1.434242555
## 27889	4mnq	5nmg 0.982470790
## 27890	4ozf	5nmg 0.955480070
## 27891	4ozg	5nmg 2.395482980

## 27892	4ozh	5nmg 1.652877842
## 27893	4ozi	5nmg 2.366098511
## 27894	4prh	5nmg 0.891246315
## 27895	4pri	5nmg 0.875106488
## 27896	4prp	5nmg 0.872315088
## 27897	4qok	5nmg 0.898091677
## 27898	4qrp	5nmg 0.775488592
## 27899	4y19	5nmg 1.153991729
## 27900	4y1a	5nmg 0.894247327
## 27901	4z7u	5nmg 1.183463882
## 27902	4z7v	5nmg 0.864805028
## 27903	4z7w	5nmg 0.750416062
## 27904	5d2l	5nmg 0.704297212
## 27905	5d2n	5nmg 0.685060971
## 27906	1lp9	5nmg 0.611297788
## 27907	lymm	5nmg 0.898786070
## 27908	2j8u	5nmg 0.612563411
## 27909	2jcc	5nmg 0.612735012
## 27910	2uwe	5nmg 0.612559986
## 27911	2wbj	5nmg 0.598775267
## 27912	3gjf	5nmg 0.754164374
## 27913	3hae	5nmg 0.806589721
## 27914	3nfj	5nmg 0.593307661
## 27915	3o6f	5nmg 0.690208514
## 27916	3p16	5nmg 0.866354762
## 27917	3t0e	5nmg 0.792958276
## 27918	4euq	5nmg 0.883185022
## 27919	4grl	5nmg 0.716286245
## 27920	4h1l	5nmg 0.928848117
## 27921	4may	5nmg 0.915274057
## 27922	4p4k	5nmg 0.594431677
## 27923	4qrr	5nmg 0.835180421
## 27924	4wuu	5nmg 0.895142554
## 27925	4zez	5nmg 0.868977828
## 27926	5brz	5nmg 1.834624063
## 27927	5bs0	5nmg 2.406050113
## 27928	5c07	5nmg 0.693354141
## 27929	5c08	5nmg 0.776783461
## 27930	5c09	5nmg 0.679520666
## 27931	5c0a	5nmg 1.053913911
## 27932	5c0b	5nmg 0.839870641
## 27933	5c0c	5nmg 0.977825860
## 27934	5e6i	5nmg 0.901331095
## 27935	5e9d	5nmg 0.849128489
## 27936	5eu6	5nmg 0.761804976
## 27937	5euo	5nmg 5.095435516
## 27938	5hhm	5nmg 0.832609312
## 27939	5hho	5nmg 0.804760207
## 27940	5hyj	5nmg 0.763501715
## 27941	5isz	5nmg 1.041803357
## 27942	5jhd	5nmg 0.607304786
## 27943	5jzi	5nmg 0.868425104
## 27944	5ks9	5nmg 1.023299908
## 27945	5ksa	5nmg 0.788764110

## 27946	5ksb	5nmg 0.732540137
## 27947	5men	5nmg 0.982134073
## 27948	5nht	5nmg 0.881796967
## 27949	5nme	5nmg 0.729416512
## 27950	5nmf	5nmg 0.734295399
## 27951	5nmg	5nmg 0.000000000
## 27952	5nqk	5nmg 0.886902047
## 27953	5tez	5nmg 2.658614703
## 27954	5w1v	5nmg 2.148895756
## 27955	5w1w	5nmg 2.215251903
## 27956	5wkf	5nmg 0.799213725
## 27957	5wkh	5nmg 0.468583101
## 27958	5xot	5nmg 0.933138831
## 27959	5xov	5nmg 0.593307661
## 27960	5yxn	5nmg 0.826702100
## 27961	5yxu	5nmg 0.793775789
## 27962	6am5	5nmg 0.798409766
## 27963	6amu	5nmg 0.711361557
## 27964	6avf	5nmg 1.335890593
## 27965	6avg	5nmg 0.927502239
## 27966	6bj2	5nmg 1.391455383
## 27967	6bj3	5nmg 0.933737362
## 27968	6bj8	5nmg 0.935244239
## 27969	6cql	5nmg 0.794366240
## 27970	6cqn	5nmg 1.946627650
## 27971	6cqq	5nmg 1.258355850
## 27972	6cqr	5nmg 0.764128862
## 27973	6d78	5nmg 0.794940525
## 27974	6dfx	5nmg 2.231768912
## 27975	6dkp	5nmg 0.784516581
## 27976	6dxg	5nmg 1.619639711
## 27977	6eqa	5nmg 0.875900393
## 27978	6eqb	5nmg 0.873946527
## 27979	6mtm	5nmg 0.718929463
## 27980	6p64	5nmg 1.909014479
## 27981	6px6	5nmg 0.886676232
## 27982	6py2	5nmg 0.879002198
## 27983	6q3s	5nmg 0.795400142
## 27984	6r2l	5nmg 0.889556705
## 27985	6rp9	5nmg 0.657077773
## 27986	6rpa	5nmg 0.889831076
## 27987	6rpb	5nmg 0.718377176
## 27988	6rsy	5nmg 0.732064588
## 27989	6tmo	5nmg 0.876294916
## 27990	6tro	5nmg 1.216870816
## 27991	6u3n	5nmg 0.802632790
## 27992	6u3o	5nmg 1.447094058
## 27993	6uon	5nmg 0.670609042
## 27994	6vm7	5nmg 0.835311389
## 27995	6vm8	5nmg 0.783038126
## 27996	6vma	5nmg 0.948828421
## 27997	6vmc	5nmg 1.042023794
## 27998	6vmx	5nmg 1.005949596
## 27999	6vqo	5nmg 0.708370684

## 28000	6vrm	5nmg	1.451419746
## 28001	6vrn	5nmg	0.744944959
## 28002	7n1e	5nmg	0.872686535
## 28003	7n1f	5nmg	0.847692291
## 28004	7n6e	5nmg	0.729500536
## 28005	6xc9	5nmg	0.861060017
## 28006	6xco	5nmg	0.927231619
## 28007	6xcp	5nmg	2.164117258
## 28008	6zkw	5nmg	0.912057590
## 28009	6zkk	5nmg	0.867552491
## 28010	6zky	5nmg	0.912079404
## 28011	6zkk	5nmg	0.924832419
## 28012	7dzm	5nmg	1.081176287
## 28013	7dzn	5nmg	0.863653211
## 28014	7rm4	5nmg	0.795712037
## 28015	7rtr	5nmg	0.939950556
## 28016	7l1d	5nmg	0.910121845
## 28017	7sg0	5nmg	1.230260853
## 28018	7sg1	5nmg	0.883527235
## 28019	7sg2	5nmg	0.881577541
## 28020	7rrg	5nmg	0.868050732
## 28021	7n2s	5nmg	0.782621974
## 28022	7n2n	5nmg	0.783733686
## 28023	7n2o	5nmg	0.940886221
## 28024	7n2r	5nmg	0.941372910
## 28025	7n2p	5nmg	0.840120607
## 28026	7n2q	5nmg	0.766260825
## 28027	8cx4	5nmg	0.897240388
## 28028	8VCX	5nmg	1.910408632
## 28029	8VCY	5nmg	0.723877433
## 28030	8VD0	5nmg	0.717465302
## 28031	8VD2	5nmg	0.982207910
## 28032	6XCP	5nmg	2.164366232
## 28033	6XC0	5nmg	0.927237732
## 28034	6XC9	5nmg	0.861399155
## 28035	1ao7	5nqk	1.744820418
## 28036	1bd2	5nqk	1.232601719
## 28037	1fyt	5nqk	1.492012137
## 28038	1j8h	5nqk	1.618872412
## 28039	1mi5	5nqk	1.429692337
## 28040	1oga	5nqk	1.240220967
## 28041	1qrn	5nqk	1.747356362
## 28042	1qse	5nqk	1.406327447
## 28043	1qsf	5nqk	1.739105822
## 28044	1zgl	5nqk	1.031156451
## 28045	2ak4	5nqk	0.927669506
## 28046	2bnq	5nqk	0.822040916
## 28047	2bnr	5nqk	0.464056190
## 28048	2esv	5nqk	1.710859982
## 28049	2f53	5nqk	1.052634324
## 28050	2f54	5nqk	1.261998524
## 28051	2gj6	5nqk	1.526714994
## 28052	2iam	5nqk	3.565083595
## 28053	2ian	5nqk	0.982416505

## 28054	2nx5	5nqk 0.823394630
## 28055	2p5e	5nqk 1.044520521
## 28056	2p5w	5nqk 1.047078593
## 28057	2pye	5nqk 0.891722076
## 28058	2vlj	5nqk 0.983132399
## 28059	2vlk	5nqk 2.468317554
## 28060	2vlr	5nqk 0.982931702
## 28061	2xn9	5nqk 0.961312556
## 28062	2yp1	5nqk 0.520567619
## 28063	3d39	5nqk 1.140836822
## 28064	3d3v	5nqk 1.236480455
## 28065	3dxa	5nqk 1.057687576
## 28066	3ffc	5nqk 1.429395694
## 28067	3gsn	5nqk 0.920966764
## 28068	3h9s	5nqk 1.140764574
## 28069	3hg1	5nqk 1.166998206
## 28070	3kpr	5nqk 0.587308099
## 28071	3kps	5nqk 0.947557420
## 28072	3kxf	5nqk 0.947541852
## 28073	3mv7	5nqk 1.145453608
## 28074	3mv8	5nqk 1.204031868
## 28075	3mv9	5nqk 1.451122580
## 28076	3o41	5nqk 1.362114793
## 28077	3pwp	5nqk 1.140953131
## 28078	3qdg	5nqk 1.223638237
## 28079	3qdj	5nqk 1.224857804
## 28080	3qdm	5nqk 1.585763827
## 28081	3qeq	5nqk 0.929639291
## 28082	3qfj	5nqk 0.997428275
## 28083	3sjv	5nqk 0.979154190
## 28084	3uts	5nqk 1.234767911
## 28085	3utt	5nqk 0.978453312
## 28086	3vxm	5nqk 0.879120095
## 28087	3vxr	5nqk 1.194684312
## 28088	3vxs	5nqk 0.751589608
## 28089	4c56	5nqk 0.667317249
## 28090	4e41	5nqk 4.375178840
## 28091	4eup	5nqk 0.693356299
## 28092	4ftv	5nqk 0.980676669
## 28093	4g8g	5nqk 1.457730993
## 28094	4g9f	5nqk 0.906878133
## 28095	4gg6	5nqk 1.384668255
## 28096	4jfd	5nqk 1.170578514
## 28097	4jfe	5nqk 1.167403631
## 28098	4jff	5nqk 1.168041738
## 28099	4jrx	5nqk 1.054467053
## 28100	4jry	5nqk 0.861858374
## 28101	4l3e	5nqk 0.563461633
## 28102	4mji	5nqk 2.084237927
## 28103	4mnq	5nqk 1.430658505
## 28104	4ozf	5nqk 0.964502606
## 28105	4ozg	5nqk 3.408344819
## 28106	4ozh	5nqk 2.091599894
## 28107	4ozi	5nqk 3.460196256

## 28108	4prh	5nqk 1.163612464
## 28109	4pri	5nqk 1.416773399
## 28110	4prp	5nqk 1.129470388
## 28111	4qok	5nqk 1.495447471
## 28112	4qrp	5nqk 0.901426621
## 28113	4y19	5nqk 1.273894369
## 28114	4y1a	5nqk 1.115197701
## 28115	4z7u	5nqk 1.771904535
## 28116	4z7v	5nqk 1.373753787
## 28117	4z7w	5nqk 0.973386054
## 28118	5d2l	5nqk 1.229572201
## 28119	5d2n	5nqk 0.537717334
## 28120	1lp9	5nqk 1.019246018
## 28121	1ymm	5nqk 1.238566385
## 28122	2j8u	5nqk 1.018948039
## 28123	2jcc	5nqk 1.020207042
## 28124	2uwe	5nqk 1.018396514
## 28125	2wbj	5nqk 1.155737471
## 28126	3gjf	5nqk 0.865019355
## 28127	3hae	5nqk 1.087495140
## 28128	3nfj	5nqk 0.942329908
## 28129	3o6f	5nqk 0.895671083
## 28130	3pl6	5nqk 1.498578224
## 28131	3t0e	5nqk 1.242652683
## 28132	4euq	5nqk 1.243990501
## 28133	4grl	5nqk 0.924127891
## 28134	4h1l	5nqk 1.399004970
## 28135	4may	5nqk 1.389376335
## 28136	4p4k	5nqk 0.890038878
## 28137	4qrr	5nqk 1.344758285
## 28138	4wuu	5nqk 0.570840859
## 28139	4zez	5nqk 1.298113153
## 28140	5brz	5nqk 2.462265667
## 28141	5bs0	5nqk 3.053352294
## 28142	5c07	5nqk 1.087971157
## 28143	5c08	5nqk 0.624934769
## 28144	5c09	5nqk 0.988202314
## 28145	5c0a	5nqk 1.495586718
## 28146	5c0b	5nqk 1.451649888
## 28147	5c0c	5nqk 1.092015334
## 28148	5e6i	5nqk 1.298933707
## 28149	5e9d	5nqk 0.794361037
## 28150	5eu6	5nqk 1.321062158
## 28151	5euo	5nqk 7.318533415
## 28152	5hhm	5nqk 1.568367668
## 28153	5hho	5nqk 0.773303385
## 28154	5hyj	5nqk 1.024071534
## 28155	5isz	5nqk 1.024155214
## 28156	5jhd	5nqk 1.388822906
## 28157	5jzi	5nqk 1.297142718
## 28158	5ks9	5nqk 1.588237142
## 28159	5ksa	5nqk 0.872220470
## 28160	5ksb	5nqk 0.861134969
## 28161	5men	5nqk 1.427941216

## 28162	5nht	5nqk 0.020742614
## 28163	5nme	5nqk 1.431630412
## 28164	5nmf	5nqk 1.080347229
## 28165	5nmg	5nqk 0.886902047
## 28166	5nqk	5nqk 0.000000000
## 28167	5tez	5nqk 3.243312563
## 28168	5wlv	5nqk 3.168506138
## 28169	5wlv	5nqk 3.424812524
## 28170	5wkf	5nqk 0.913298653
## 28171	5wkh	5nqk 1.000354015
## 28172	5xot	5nqk 1.184483814
## 28173	5xov	5nqk 0.942329908
## 28174	5yxn	5nqk 1.090125719
## 28175	5yxu	5nqk 0.838260424
## 28176	6am5	5nqk 0.571462496
## 28177	6amu	5nqk 0.736094970
## 28178	6avf	5nqk 1.433404072
## 28179	6avg	5nqk 0.914329776
## 28180	6bj2	5nqk 1.670932286
## 28181	6bj3	5nqk 1.404263325
## 28182	6bj8	5nqk 1.410821785
## 28183	6cql	5nqk 1.324434679
## 28184	6cqn	5nqk 3.226173446
## 28185	6cqq	5nqk 1.518086834
## 28186	6cqr	5nqk 1.035484687
## 28187	6d78	5nqk 0.593042635
## 28188	6dfx	5nqk 3.326956136
## 28189	6dkp	5nqk 0.575666191
## 28190	6dxl	5nqk 2.095882961
## 28191	6eqa	5nqk 1.173046302
## 28192	6eqb	5nqk 1.165550855
## 28193	6mtm	5nqk 0.884028137
## 28194	6p64	5nqk 3.040619604
## 28195	6px6	5nqk 1.178719860
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## 28197	6q3s	5nqk 1.207267570
## 28198	6r2l	5nqk 1.261311178
## 28199	6rp9	5nqk 1.127564023
## 28200	6rpa	5nqk 0.894904175
## 28201	6rpb	5nqk 1.063792428
## 28202	6rsy	5nqk 0.865443999
## 28203	6tmo	5nqk 0.990656866
## 28204	6tro	5nqk 1.788472918
## 28205	6u3n	5nqk 1.216279394
## 28206	6u3o	5nqk 1.697189004
## 28207	6uon	5nqk 1.066021148
## 28208	6vm7	5nqk 0.898831964
## 28209	6vm8	5nqk 0.862001814
## 28210	6vma	5nqk 1.261041835
## 28211	6vmc	5nqk 1.669218006
## 28212	6vmx	5nqk 0.941520186
## 28213	6vqo	5nqk 1.034088662
## 28214	6vrm	5nqk 1.821608962
## 28215	6vrn	5nqk 1.031464338

## 28216	7n1e	5nqk 1.195222630
## 28217	7n1f	5nqk 1.222867835
## 28218	7n6e	5nqk 0.855690454
## 28219	6xc9	5nqk 0.845431428
## 28220	6xco	5nqk 1.409705661
## 28221	6xcp	5nqk 3.282903600
## 28222	6zkw	5nqk 0.921337728
## 28223	6zxx	5nqk 1.115857815
## 28224	6zky	5nqk 0.922601504
## 28225	6zkz	5nqk 0.815595354
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## 28227	7dzn	5nqk 1.294527764
## 28228	7rm4	5nqk 1.139801195
## 28229	7rtr	5nqk 1.123153701
## 28230	7l1d	5nqk 1.184728639
## 28231	7sg0	5nqk 1.436329065
## 28232	7sg1	5nqk 1.109573180
## 28233	7sg2	5nqk 1.090090814
## 28234	7rrg	5nqk 1.062630271
## 28235	7n2s	5nqk 1.000558140
## 28236	7n2n	5nqk 0.978150376
## 28237	7n2o	5nqk 0.961485244
## 28238	7n2r	5nqk 0.906413686
## 28239	7n2p	5nqk 0.723807766
## 28240	7n2q	5nqk 0.850659570
## 28241	8cx4	5nqk 1.028530386
## 28242	8VCX	5nqk 2.978824886
## 28243	8VCY	5nqk 0.936642411
## 28244	8VD0	5nqk 1.062710769
## 28245	8VD2	5nqk 1.323281768
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## 28247	6XC0	5nqk 1.409499991
## 28248	6XC9	5nqk 0.846735567
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## 28250	1bd2	5tez 3.525734676
## 28251	1fyt	5tez 3.775005348
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## 28253	1mi5	5tez 3.975033565
## 28254	1oga	5tez 3.820118680
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## 28256	1qse	5tez 3.139292731
## 28257	1qsf	5tez 3.726697011
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## 28260	2bnq	5tez 3.265897851
## 28261	2bnr	5tez 3.307790633
## 28262	2esv	5tez 3.912925847
## 28263	2f53	5tez 3.403411228
## 28264	2f54	5tez 1.751422187
## 28265	2gj6	5tez 3.660496691
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## 28267	2ian	5tez 2.255644512
## 28268	2nx5	5tez 1.801207331
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## 28283	3hg1	5tez 3.371188032
## 28284	3kpr	5tez 2.269220683
## 28285	3kps	5tez 3.564431253
## 28286	3kxf	5tez 2.098474368
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## 28288	3mv8	5tez 3.627337601
## 28289	3mv9	5tez 3.857794541
## 28290	3o41	5tez 3.511379985
## 28291	3pwp	5tez 3.669516622
## 28292	3qdg	5tez 2.745895622
## 28293	3qdj	5tez 2.748037007
## 28294	3qdm	5tez 1.943620797
## 28295	3qeq	5tez 3.164329382
## 28296	3qfj	5tez 3.158986542
## 28297	3sjv	5tez 1.606139460
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## 28301	3vxr	5tez 4.097362098
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## 28306	4ftv	5tez 3.762584282
## 28307	4g8g	5tez 4.319971022
## 28308	4g9f	5tez 3.698795814
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## 28310	4jfd	5tez 3.353090633
## 28311	4jfe	5tez 3.353178444
## 28312	4jff	5tez 3.356179429
## 28313	4jrx	5tez 3.373718472
## 28314	4jry	5tez 3.556827106
## 28315	4l3e	5tez 3.727366395
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## 28319	4ozg	5tez 2.924750791
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## 28331	4z7w	5tez 2.644966993
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## 28361	5c0c	5tez 1.916063571
## 28362	5e6i	5tez 2.045183958
## 28363	5e9d	5tez 2.676966247
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## 28365	5euo	5tez 6.381226800
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## 28367	5hho	5tez 3.541364886
## 28368	5hyj	5tez 2.309687802
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## 28373	5ksa	5tez 3.716958931
## 28374	5ksb	5tez 2.677192600
## 28375	5men	5tez 3.971682052
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## 28385	5wkh	5tez 2.757349685
## 28386	5xot	5tez 3.966715933
## 28387	5xov	5tez 2.510684988
## 28388	5yxn	5tez 3.968223483
## 28389	5yxu	5tez 2.303141948
## 28390	6am5	5tez 3.753520987
## 28391	6amu	5tez 3.763136963
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## 28395	6bj3	5tez 4.016118896
## 28396	6bj8	5tez 4.026915827
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## 28400	6cqr	5tez 2.626881094
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## 28406	6eqb	5tez 3.356233224
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## 28410	6py2	5tez 3.753970265
## 28411	6q3s	5tez 3.976399063
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## 28413	6rp9	5tez 2.508529857
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## 28415	6rpb	5tez 1.624256984
## 28416	6rsy	5tez 2.514216583
## 28417	6tmo	5tez 3.169637059
## 28418	6tro	5tez 3.867425644
## 28419	6u3n	5tez 3.801551050
## 28420	6u3o	5tez 2.197021586
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## 28422	6vm7	5tez 3.802963721
## 28423	6vm8	5tez 3.741691907
## 28424	6vma	5tez 3.773676402
## 28425	6vmc	5tez 3.841428919
## 28426	6vmx	5tez 2.751918382
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## 28428	6vrm	5tez 2.269477933
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## 28431	7n1f	5tez 3.643335130

## 28432	7n6e	5tez 2.367207147
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## 28435	6xcp	5tez 3.809584608
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## 28437	6zkk	5tez 3.797968797
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## 28439	6zkz	5tez 3.695095645
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## 28447	7sg2	5tez 2.708258118
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## 28450	7n2n	5tez 3.505953579
## 28451	7n2o	5tez 3.171091903
## 28452	7n2r	5tez 3.429266591
## 28453	7n2p	5tez 3.435912918
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## 28458	8VD0	5tez 2.800477449
## 28459	8VD2	5tez 3.903470544
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## 28462	6XC9	5tez 2.129093491
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## 28465	1fyt	5w1v 3.185778872
## 28466	1j8h	5w1v 3.178408912
## 28467	1mi5	5w1v 3.207442383
## 28468	1oga	5w1v 3.242094691
## 28469	1qrn	5w1v 3.149284157
## 28470	1qse	5w1v 3.082475006
## 28471	1qsf	5w1v 3.150033024
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## 28473	2ak4	5w1v 1.571652485
## 28474	2bnq	5w1v 3.133881628
## 28475	2bnr	5w1v 3.155361892
## 28476	2esv	5w1v 3.224480071
## 28477	2f53	5w1v 3.129058159
## 28478	2f54	5w1v 1.899904154
## 28479	2gj6	5w1v 3.162074473
## 28480	2iam	5w1v 3.161912961
## 28481	2ian	5w1v 1.736487480
## 28482	2nx5	5w1v 1.403444682
## 28483	2p5e	5w1v 3.128833654
## 28484	2p5w	5w1v 3.130192668
## 28485	2pye	5w1v 3.152064825

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## 28490	2yp1	5w1v 3.176966531
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## 28492	3d3v	5w1v 3.221256825
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## 28494	3ffc	5w1v 2.520519377
## 28495	3gsn	5w1v 3.103869653
## 28496	3h9s	5w1v 3.167874245
## 28497	3hg1	5w1v 3.112443596
## 28498	3kpr	5w1v 2.165346148
## 28499	3kps	5w1v 3.194020050
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## 28501	3mv7	5w1v 3.296520168
## 28502	3mv8	5w1v 3.092000302
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## 28505	3pwp	5w1v 3.167896604
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## 28507	3qdj	5w1v 3.002726707
## 28508	3qdm	5w1v 2.894096578
## 28509	3qeq	5w1v 3.060400744
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## 28511	3sjv	5w1v 1.324178211
## 28512	3uts	5w1v 2.057906782
## 28513	3utt	5w1v 2.400255226
## 28514	3vxm	5w1v 3.088604681
## 28515	3vxr	5w1v 3.295583718
## 28516	3vxs	5w1v 3.155449328
## 28517	4c56	5w1v 2.028523478
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## 28519	4eup	5w1v 2.202559728
## 28520	4ftv	5w1v 3.209122185
## 28521	4g8g	5w1v 3.341987911
## 28522	4g9f	5w1v 3.179916217
## 28523	4gg6	5w1v 2.434387469
## 28524	4jfd	5w1v 3.104257442
## 28525	4jfe	5w1v 3.103297069
## 28526	4jff	5w1v 3.103730123
## 28527	4jrx	5w1v 3.092281320
## 28528	4jry	5w1v 3.226987146
## 28529	4l3e	5w1v 3.253753534
## 28530	4mji	5w1v 2.801163119
## 28531	4mnq	5w1v 3.243470034
## 28532	4ozf	5w1v 3.079516833
## 28533	4ozg	5w1v 2.098818499
## 28534	4ozh	5w1v 2.066798634
## 28535	4ozi	5w1v 2.261503604
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## 28544	4z7v	5w1v 2.122045874
## 28545	4z7w	5w1v 2.231970132
## 28546	5d2l	5w1v 1.539079530
## 28547	5d2n	5w1v 2.215376615
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## 28549	1ymm	5w1v 3.516718642
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## 28551	2jcc	5w1v 2.183438778
## 28552	2uwe	5w1v 2.184244444
## 28553	2wbj	5w1v 2.120874899
## 28554	3gjf	5w1v 2.196083099
## 28555	3hae	5w1v 1.420363154
## 28556	3nfj	5w1v 2.094286261
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## 28558	3pl6	5w1v 3.251797216
## 28559	3t0e	5w1v 2.645863502
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## 28561	4grl	5w1v 3.126620764
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## 28563	4may	5w1v 3.262333782
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## 28565	4qrr	5w1v 3.203999350
## 28566	4wuu	5w1v 3.180471400
## 28567	4zez	5w1v 2.248683677
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## 28569	5bs0	5w1v 2.824446789
## 28570	5c07	5w1v 1.983749592
## 28571	5c08	5w1v 2.256687587
## 28572	5c09	5w1v 2.399685013
## 28573	5c0a	5w1v 1.997589143
## 28574	5c0b	5w1v 2.309047827
## 28575	5c0c	5w1v 2.055532143
## 28576	5e6i	5w1v 1.625999883
## 28577	5e9d	5w1v 2.582564487
## 28578	5eu6	5w1v 3.178043919
## 28579	5euo	5w1v 3.106610218
## 28580	5hhm	5w1v 2.175792513
## 28581	5hho	5w1v 3.157991239
## 28582	5hyj	5w1v 2.053283001
## 28583	5isz	5w1v 3.119524481
## 28584	5jhd	5w1v 2.152615380
## 28585	5jzi	5w1v 2.249240713
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## 28587	5ksa	5w1v 3.221102745
## 28588	5ksb	5w1v 2.293613814
## 28589	5men	5w1v 3.243444028
## 28590	5nht	5w1v 3.164131203
## 28591	5nme	5w1v 2.139104857
## 28592	5nmf	5w1v 2.090024172
## 28593	5nmg	5w1v 2.148895756

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## 28598	5wkf	5w1v 2.319512658
## 28599	5wkh	5w1v 2.214781722
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## 28601	5xov	5w1v 2.094286261
## 28602	5yxn	5w1v 3.265692003
## 28603	5yxu	5w1v 2.183079596
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## 28605	6amu	5w1v 3.216979737
## 28606	6avf	5w1v 3.231256173
## 28607	6avg	5w1v 2.396104666
## 28608	6bj2	5w1v 3.004617520
## 28609	6bj3	5w1v 3.201677532
## 28610	6bj8	5w1v 3.209334687
## 28611	6cql	5w1v 3.229618331
## 28612	6cqn	5w1v 3.130781675
## 28613	6cqq	5w1v 2.075591451
## 28614	6cqr	5w1v 2.247001291
## 28615	6d78	5w1v 3.288613097
## 28616	6dfx	5w1v 2.434405180
## 28617	6dkp	5w1v 3.265384910
## 28618	6dx f	5w1v 3.135256622
## 28619	6eqa	5w1v 3.114382779
## 28620	6eqb	5w1v 3.108127869
## 28621	6mtm	5w1v 3.228272089
## 28622	6p64	5w1v 2.001606105
## 28623	6px6	5w1v 3.225904651
## 28624	6py2	5w1v 3.157478373
## 28625	6q3s	5w1v 3.258694382
## 28626	6r2l	5w1v 3.043169362
## 28627	6rp9	5w1v 1.850145209
## 28628	6rpa	5w1v 3.268176790
## 28629	6rpb	5w1v 1.404506177
## 28630	6rsy	5w1v 2.259505448
## 28631	6tmo	5w1v 3.013628702
## 28632	6tro	5w1v 3.259009140
## 28633	6u3n	5w1v 3.160468431
## 28634	6u3o	5w1v 2.049055857
## 28635	6uon	5w1v 2.111026069
## 28636	6vm7	5w1v 3.218276957
## 28637	6vm8	5w1v 3.220805293
## 28638	6vma	5w1v 3.231241566
## 28639	6vmc	5w1v 3.153469438
## 28640	6vmx	5w1v 2.355733035
## 28641	6vqo	5w1v 2.313313976
## 28642	6vrm	5w1v 2.877787517
## 28643	6vrn	5w1v 3.264257399
## 28644	7n1e	5w1v 3.037071246
## 28645	7n1f	5w1v 3.175226064
## 28646	7n6e	5w1v 2.164927874
## 28647	6xc9	5w1v 2.141979018

## 28648	6xco	5w1v 3.259503498
## 28649	6xcp	5w1v 2.967961569
## 28650	6zkw	5w1v 3.251355485
## 28651	6zkk	5w1v 3.258947840
## 28652	6zky	5w1v 3.251273794
## 28653	6zkk	5w1v 3.261056452
## 28654	7dzm	5w1v 3.068981840
## 28655	7dzn	5w1v 3.159048204
## 28656	7rm4	5w1v 1.474423236
## 28657	7rtr	5w1v 3.096964897
## 28658	7l1d	5w1v 3.339475349
## 28659	7sg0	5w1v 3.303072726
## 28660	7sg1	5w1v 2.200300022
## 28661	7sg2	5w1v 2.206136267
## 28662	7rrg	5w1v 3.177522640
## 28663	7n2s	5w1v 3.190524718
## 28664	7n2n	5w1v 3.162540264
## 28665	7n2o	5w1v 3.075714859
## 28666	7n2r	5w1v 3.134464398
## 28667	7n2p	5w1v 3.173276551
## 28668	7n2q	5w1v 2.145140460
## 28669	8cx4	5w1v 3.086873591
## 28670	8VCX	5w1v 3.035618526
## 28671	8VCY	5w1v 3.141221811
## 28672	8VD0	5w1v 2.228357451
## 28673	8VD2	5w1v 3.284790575
## 28674	6XCP	5w1v 2.967952511
## 28675	6XC0	5w1v 3.259605533
## 28676	6XC9	5w1v 2.142305648
## 28677	1ao7	5w1w 3.539777246
## 28678	1bd2	5w1w 3.288873492
## 28679	1fyt	5w1w 3.319672419
## 28680	1j8h	5w1w 3.272743443
## 28681	1mi5	5w1w 3.279821040
## 28682	1oga	5w1w 3.402531399
## 28683	1qrn	5w1w 3.254681756
## 28684	1qse	5w1w 3.268328682
## 28685	1qsf	5w1w 3.256126214
## 28686	1zgl	5w1w 1.902142062
## 28687	2ak4	5w1w 1.811944580
## 28688	2bnq	5w1w 3.331749883
## 28689	2bnr	5w1w 3.372379932
## 28690	2esv	5w1w 3.336400463
## 28691	2f53	5w1w 3.336101018
## 28692	2f54	5w1w 2.159512125
## 28693	2gj6	5w1w 3.261925748
## 28694	2iam	5w1w 3.183228759
## 28695	2ian	5w1w 1.826347076
## 28696	2nx5	5w1w 1.644320197
## 28697	2p5e	5w1w 3.336213390
## 28698	2p5w	5w1w 3.337956593
## 28699	2pye	5w1w 3.379382777
## 28700	2vlj	5w1w 3.358606894
## 28701	2vlk	5w1w 3.235145247

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## 28703	2xn9	5w1w 3.071981065
## 28704	2yp1	5w1w 3.413025478
## 28705	3d39	5w1w 3.303819671
## 28706	3d3v	5w1w 3.385536604
## 28707	3dxa	5w1w 1.812936595
## 28708	3ffc	5w1w 2.494096970
## 28709	3gsn	5w1w 3.308590205
## 28710	3h9s	5w1w 3.304119993
## 28711	3hg1	5w1w 3.291897218
## 28712	3kpr	5w1w 2.398059527
## 28713	3kps	5w1w 3.407639340
## 28714	3kxf	5w1w 1.604572248
## 28715	3mv7	5w1w 3.471577202
## 28716	3mv8	5w1w 3.216968985
## 28717	3mv9	5w1w 3.427644459
## 28718	3o4l	5w1w 3.193351973
## 28719	3pwp	5w1w 3.303869049
## 28720	3qdg	5w1w 3.251052978
## 28721	3qdj	5w1w 3.252821563
## 28722	3qdm	5w1w 3.294026387
## 28723	3qeq	5w1w 3.275245063
## 28724	3qfj	5w1w 3.281185533
## 28725	3sjv	5w1w 1.511018273
## 28726	3uts	5w1w 2.183539692
## 28727	3utt	5w1w 2.404414307
## 28728	3vxm	5w1w 3.326184216
## 28729	3vxr	5w1w 3.421209352
## 28730	3vxs	5w1w 3.404797469
## 28731	4c56	5w1w 2.172866585
## 28732	4e41	5w1w 2.763155409
## 28733	4eup	5w1w 2.412020699
## 28734	4ftv	5w1w 3.384086116
## 28735	4g8g	5w1w 3.458849283
## 28736	4g9f	5w1w 3.304288177
## 28737	4gg6	5w1w 2.429012699
## 28738	4jfd	5w1w 3.284360177
## 28739	4jfe	5w1w 3.283043302
## 28740	4jff	5w1w 3.282849225
## 28741	4jrx	5w1w 3.312929787
## 28742	4jry	5w1w 3.462599555
## 28743	4l3e	5w1w 3.427711793
## 28744	4mji	5w1w 2.649394453
## 28745	4mnq	5w1w 3.358195652
## 28746	4ozf	5w1w 3.337178895
## 28747	4ozg	5w1w 2.471446199
## 28748	4ozh	5w1w 2.562383889
## 28749	4ozi	5w1w 2.506468278
## 28750	4prh	5w1w 3.467193638
## 28751	4pri	5w1w 3.274057151
## 28752	4prp	5w1w 3.360497512
## 28753	4qok	5w1w 3.251252125
## 28754	4qrp	5w1w 2.249740196
## 28755	4y19	5w1w 3.578476772

## 28756	4y1a	5w1w 3.421982809
## 28757	4z7u	5w1w 2.241385312
## 28758	4z7v	5w1w 2.223921756
## 28759	4z7w	5w1w 2.411326689
## 28760	5d2l	5w1w 1.463395935
## 28761	5d2n	5w1w 2.392929030
## 28762	1lp9	5w1w 2.296852607
## 28763	1ymm	5w1w 3.635228216
## 28764	2j8u	5w1w 2.296914272
## 28765	2jcc	5w1w 2.296719396
## 28766	2uwe	5w1w 2.297119948
## 28767	2wbj	5w1w 2.245997952
## 28768	3gjf	5w1w 2.403927543
## 28769	3hae	5w1w 1.609868767
## 28770	3nfj	5w1w 2.270338567
## 28771	3o6f	5w1w 2.368991901
## 28772	3pl6	5w1w 3.312094247
## 28773	3t0e	5w1w 2.714757825
## 28774	4euq	5w1w 2.504874991
## 28775	4grl	5w1w 3.293091407
## 28776	4h1l	5w1w 2.707221768
## 28777	4may	5w1w 3.383621489
## 28778	4p4k	5w1w 2.343395247
## 28779	4qrr	5w1w 3.312013926
## 28780	4wuu	5w1w 3.417137200
## 28781	4zez	5w1w 2.299423918
## 28782	5brz	5w1w 3.224540657
## 28783	5bs0	5w1w 3.375822653
## 28784	5c07	5w1w 2.246814814
## 28785	5c08	5w1w 2.409014412
## 28786	5c09	5w1w 2.401623598
## 28787	5c0a	5w1w 2.412771731
## 28788	5c0b	5w1w 2.378324589
## 28789	5c0c	5w1w 2.358192665
## 28790	5e6i	5w1w 1.830993618
## 28791	5e9d	5w1w 2.825416523
## 28792	5eu6	5w1w 3.251290353
## 28793	5euo	5w1w 3.725150587
## 28794	5hhm	5w1w 2.320126841
## 28795	5hho	5w1w 3.356289916
## 28796	5hyj	5w1w 2.376848908
## 28797	5isz	5w1w 3.364828620
## 28798	5jhd	5w1w 2.085075127
## 28799	5jzi	5w1w 2.300078833
## 28800	5ks9	5w1w 2.524254812
## 28801	5ksa	5w1w 3.391304324
## 28802	5ksb	5w1w 2.444588963
## 28803	5men	5w1w 3.358553617
## 28804	5nht	5w1w 3.420405930
## 28805	5nme	5w1w 2.162829150
## 28806	5nmf	5w1w 2.208323242
## 28807	5nmg	5w1w 2.215251903
## 28808	5nqk	5w1w 3.424812524
## 28809	5tez	5w1w 3.561263677

## 28810	5w1v	5w1w 1.550050239
## 28811	5w1w	5w1w 0.000000000
## 28812	5wkf	5w1w 2.452259655
## 28813	5wkh	5w1w 2.324835003
## 28814	5xot	5w1w 3.418187398
## 28815	5xov	5w1w 2.270338567
## 28816	5yxn	5w1w 3.404571078
## 28817	5yxu	5w1w 2.415535229
## 28818	6am5	5w1w 3.450077940
## 28819	6amu	5w1w 3.372360889
## 28820	6avf	5w1w 3.537319565
## 28821	6avg	5w1w 2.572538700
## 28822	6bj2	5w1w 3.481500785
## 28823	6bj3	5w1w 3.339038100
## 28824	6bj8	5w1w 3.346072575
## 28825	6cql	5w1w 3.313175810
## 28826	6cqn	5w1w 3.121575730
## 28827	6cqq	5w1w 2.502814509
## 28828	6cqr	5w1w 2.331087622
## 28829	6d78	5w1w 3.461331130
## 28830	6dfx	5w1w 2.476472790
## 28831	6dkp	5w1w 3.438605301
## 28832	6dxl	5w1w 3.426202832
## 28833	6eqa	5w1w 3.293645729
## 28834	6eqb	5w1w 3.288802559
## 28835	6mtm	5w1w 3.365635710
## 28836	6p64	5w1w 2.143489705
## 28837	6px6	5w1w 3.389715917
## 28838	6py2	5w1w 3.283016936
## 28839	6q3s	5w1w 3.344529933
## 28840	6r2l	5w1w 3.227920810
## 28841	6rp9	5w1w 2.034330063
## 28842	6rpa	5w1w 3.475373524
## 28843	6rpb	5w1w 1.516432311
## 28844	6rsy	5w1w 2.456080566
## 28845	6tmo	5w1w 3.242825793
## 28846	6tro	5w1w 3.359736029
## 28847	6u3n	5w1w 3.306097035
## 28848	6u3o	5w1w 2.475865240
## 28849	6uon	5w1w 2.290176424
## 28850	6vm7	5w1w 3.393757980
## 28851	6vm8	5w1w 3.396828694
## 28852	6vma	5w1w 3.361304043
## 28853	6vmc	5w1w 3.349858278
## 28854	6vmx	5w1w 2.600926505
## 28855	6vqo	5w1w 2.393756462
## 28856	6vrm	5w1w 3.243475390
## 28857	6vrn	5w1w 3.376934104
## 28858	7n1e	5w1w 3.236546023
## 28859	7n1f	5w1w 3.301265497
## 28860	7n6e	5w1w 2.393061256
## 28861	6xc9	5w1w 2.393290252
## 28862	6xco	5w1w 3.390489246
## 28863	6xcp	5w1w 3.165135808

## 28864	6zkw	5w1w 3.452816708
## 28865	6zkk	5w1w 3.396758747
## 28866	6zky	5w1w 3.452664878
## 28867	6zkz	5w1w 3.465426889
## 28868	7dzm	5w1w 3.119623227
## 28869	7dzn	5w1w 3.279718170
## 28870	7rm4	5w1w 1.692730445
## 28871	7rtr	5w1w 3.323948646
## 28872	7l1d	5w1w 3.449618865
## 28873	7sg0	5w1w 3.499697497
## 28874	7sg1	5w1w 2.403820118
## 28875	7sg2	5w1w 2.415089725
## 28876	7rrg	5w1w 3.348552353
## 28877	7n2s	5w1w 3.344013051
## 28878	7n2n	5w1w 3.317523602
## 28879	7n2o	5w1w 3.332066397
## 28880	7n2r	5w1w 3.416102958
## 28881	7n2p	5w1w 3.400119426
## 28882	7n2q	5w1w 2.333584882
## 28883	8cx4	5w1w 3.312321613
## 28884	8VCX	5w1w 2.962870367
## 28885	8VCY	5w1w 3.308580616
## 28886	8VD0	5w1w 2.356011837
## 28887	8VD2	5w1w 3.412547272
## 28888	6XCP	5w1w 3.165061744
## 28889	6XC0	5w1w 3.390446263
## 28890	6XC9	5w1w 2.393400505
## 28891	1ao7	5wkf 1.169549997
## 28892	1bd2	5wkf 0.803649510
## 28893	1fyt	5wkf 0.917641248
## 28894	1j8h	5wkf 1.259746499
## 28895	1mi5	5wkf 0.999380577
## 28896	1oga	5wkf 0.732019079
## 28897	1qrn	5wkf 1.189515060
## 28898	1qse	5wkf 1.343865340
## 28899	1qsf	5wkf 1.182550775
## 28900	1zgl	5wkf 0.726887421
## 28901	2ak4	5wkf 0.558375831
## 28902	2bnq	5wkf 1.021305429
## 28903	2bnr	5wkf 0.903208563
## 28904	2esv	5wkf 1.057045129
## 28905	2f53	5wkf 0.739548342
## 28906	2f54	5wkf 1.178572603
## 28907	2gj6	5wkf 1.251723304
## 28908	2iam	5wkf 2.542565419
## 28909	2ian	5wkf 0.635333904
## 28910	2nx5	5wkf 0.650572834
## 28911	2p5e	5wkf 0.736285677
## 28912	2p5w	5wkf 0.738194383
## 28913	2pye	5wkf 0.631069346
## 28914	2vlj	5wkf 1.000861123
## 28915	2vlk	5wkf 1.615983780
## 28916	2vlr	5wkf 0.893427320
## 28917	2xn9	5wkf 0.804417146

## 28918	2yp1	5wkf 0.944806361
## 28919	3d39	5wkf 0.858195879
## 28920	3d3v	5wkf 0.745648691
## 28921	3dxa	5wkf 0.750302948
## 28922	3ffc	5wkf 0.719815946
## 28923	3gsn	5wkf 0.919647222
## 28924	3h9s	5wkf 0.856075355
## 28925	3hg1	5wkf 0.950485409
## 28926	3kpr	5wkf 0.685340769
## 28927	3kps	5wkf 0.572358463
## 28928	3kxf	5wkf 0.614215221
## 28929	3mv7	5wkf 0.751454648
## 28930	3mv8	5wkf 0.950487794
## 28931	3mv9	5wkf 0.966860786
## 28932	3o41	5wkf 1.032596324
## 28933	3pwp	5wkf 0.858927166
## 28934	3qdg	5wkf 1.353562000
## 28935	3qdj	5wkf 1.353778890
## 28936	3qdm	5wkf 1.738926361
## 28937	3qeq	5wkf 1.013813863
## 28938	3qfj	5wkf 0.987309003
## 28939	3sjv	5wkf 0.765001509
## 28940	3uts	5wkf 1.141703705
## 28941	3utt	5wkf 0.777855278
## 28942	3vxm	5wkf 0.762737490
## 28943	3vxr	5wkf 0.680957139
## 28944	3vxs	5wkf 0.644647718
## 28945	4c56	5wkf 0.606246815
## 28946	4e41	5wkf 3.231558656
## 28947	4eup	5wkf 0.757560840
## 28948	4ftv	5wkf 0.620875437
## 28949	4g8g	5wkf 0.628382350
## 28950	4g9f	5wkf 0.868508935
## 28951	4gg6	5wkf 0.770702030
## 28952	4jfd	5wkf 0.956900588
## 28953	4jfe	5wkf 0.955611210
## 28954	4jff	5wkf 0.955158779
## 28955	4jrx	5wkf 0.713802645
## 28956	4jry	5wkf 0.680979697
## 28957	4l3e	5wkf 0.762236691
## 28958	4mji	5wkf 1.318447952
## 28959	4mnq	5wkf 0.793084999
## 28960	4ozf	5wkf 1.120065602
## 28961	4ozg	5wkf 2.592936480
## 28962	4ozh	5wkf 1.765462650
## 28963	4ozi	5wkf 2.567730236
## 28964	4prh	5wkf 0.700804810
## 28965	4pri	5wkf 0.791602990
## 28966	4prp	5wkf 0.698577167
## 28967	4qok	5wkf 1.052124478
## 28968	4qrp	5wkf 0.622515656
## 28969	4y19	5wkf 0.738206506
## 28970	4y1a	5wkf 0.710156242
## 28971	4z7u	5wkf 1.387248494

## 28972	4z7v	5wkf 1.053069466
## 28973	4z7w	5wkf 0.640928868
## 28974	5d2l	5wkf 0.801983701
## 28975	5d2n	5wkf 0.644376637
## 28976	1lp9	5wkf 0.766637576
## 28977	1ymm	5wkf 0.902968398
## 28978	2j8u	5wkf 0.766911458
## 28979	2jcc	5wkf 0.767904243
## 28980	2uwe	5wkf 0.766542147
## 28981	2wbj	5wkf 0.844047094
## 28982	3gjf	5wkf 0.807990793
## 28983	3hae	5wkf 0.818674588
## 28984	3nfj	5wkf 0.810029649
## 28985	3o6f	5wkf 0.648848676
## 28986	3pl6	5wkf 1.029528407
## 28987	3t0e	5wkf 0.793604005
## 28988	4euq	5wkf 0.762359116
## 28989	4grl	5wkf 0.922873540
## 28990	4h1l	5wkf 0.993061654
## 28991	4may	5wkf 0.688693640
## 28992	4p4k	5wkf 0.747558388
## 28993	4qrr	5wkf 0.763765221
## 28994	4wuu	5wkf 0.910051344
## 28995	4zez	5wkf 0.841663545
## 28996	5brz	5wkf 2.014716630
## 28997	5bs0	5wkf 2.575793052
## 28998	5c07	5wkf 1.003539687
## 28999	5c08	5wkf 0.910504705
## 29000	5c09	5wkf 0.783616384
## 29001	5c0a	5wkf 0.938581358
## 29002	5c0b	5wkf 0.694534294
## 29003	5c0c	5wkf 1.163406905
## 29004	5e6i	5wkf 1.005897092
## 29005	5e9d	5wkf 0.660415813
## 29006	5eu6	5wkf 0.991086077
## 29007	5euo	5wkf 5.389967670
## 29008	5hhm	5wkf 1.122542625
## 29009	5hho	5wkf 0.823141489
## 29010	5hyj	5wkf 1.000946511
## 29011	5isz	5wkf 1.155779256
## 29012	5jhd	5wkf 1.138038270
## 29013	5jzi	5wkf 0.841064962
## 29014	5ks9	5wkf 0.880292397
## 29015	5ksa	5wkf 0.728273002
## 29016	5ksb	5wkf 0.552602227
## 29017	5men	5wkf 0.792919427
## 29018	5nht	5wkf 0.914377794
## 29019	5nme	5wkf 1.174951320
## 29020	5nmf	5wkf 0.994335349
## 29021	5nmg	5wkf 0.799213725
## 29022	5nqk	5wkf 0.913298653
## 29023	5tez	5wkf 2.799087227
## 29024	5w1v	5wkf 2.319512658
## 29025	5w1w	5wkf 2.452259655

## 29026	5wkf	5wkf 0.000000000
## 29027	5wkh	5wkf 0.707672804
## 29028	5xot	5wkf 0.543224386
## 29029	5xov	5wkf 0.810029649
## 29030	5yxn	5wkf 0.714194827
## 29031	5yxu	5wkf 0.732249291
## 29032	6am5	5wkf 0.762291873
## 29033	6amu	5wkf 0.799699592
## 29034	6avf	5wkf 1.313219448
## 29035	6avg	5wkf 0.551712523
## 29036	6bj2	5wkf 0.994462899
## 29037	6bj3	5wkf 0.735968360
## 29038	6bj8	5wkf 0.739822728
## 29039	6cql	5wkf 0.848579904
## 29040	6cqn	5wkf 2.260095508
## 29041	6cqq	5wkf 1.292861458
## 29042	6cqr	5wkf 0.638548285
## 29043	6d78	5wkf 0.760886735
## 29044	6dfx	5wkf 2.436088549
## 29045	6dkp	5wkf 0.761763338
## 29046	6dxfl	5wkf 1.809144862
## 29047	6eqa	5wkf 0.953270684
## 29048	6eqb	5wkf 0.955078005
## 29049	6mtm	5wkf 0.833284372
## 29050	6p64	5wkf 2.271023935
## 29051	6px6	5wkf 0.714556187
## 29052	6py2	5wkf 0.910879354
## 29053	6q3s	5wkf 0.869462227
## 29054	6r2l	5wkf 0.983030851
## 29055	6rp9	5wkf 0.785317708
## 29056	6rpa	5wkf 0.712455401
## 29057	6rpb	5wkf 0.865407245
## 29058	6rsy	5wkf 0.693246722
## 29059	6tmo	5wkf 0.999419004
## 29060	6tro	5wkf 1.237591906
## 29061	6u3n	5wkf 0.764203190
## 29062	6u3o	5wkf 1.459111150
## 29063	6uon	5wkf 0.987384332
## 29064	6vm7	5wkf 0.617262063
## 29065	6vm8	5wkf 0.720512632
## 29066	6vma	5wkf 0.928023778
## 29067	6vmc	5wkf 1.173849557
## 29068	6vmx	5wkf 0.632221450
## 29069	6vqo	5wkf 0.694642732
## 29070	6vrm	5wkf 1.595611527
## 29071	6vrn	5wkf 0.826617292
## 29072	7n1e	5wkf 0.894695635
## 29073	7n1f	5wkf 0.901647501
## 29074	7n6e	5wkf 0.740171121
## 29075	6xc9	5wkf 0.714415973
## 29076	6xco	5wkf 0.742415981
## 29077	6xcp	5wkf 2.446644608
## 29078	6zkw	5wkf 0.614500232
## 29079	6zkk	5wkf 0.767927366

## 29080	6zky	5wkf	0.613596176
## 29081	6zkz	5wkf	0.696548274
## 29082	7dzm	5wkf	1.300075284
## 29083	7dzn	5wkf	0.915747242
## 29084	7rm4	5wkf	0.906212404
## 29085	7rtr	5wkf	0.884961768
## 29086	7l1d	5wkf	0.818688442
## 29087	7sg0	5wkf	1.158316745
## 29088	7sg1	5wkf	0.783562376
## 29089	7sg2	5wkf	0.773351707
## 29090	7rrg	5wkf	0.953144354
## 29091	7n2s	5wkf	0.945625653
## 29092	7n2n	5wkf	0.944063070
## 29093	7n2o	5wkf	0.801029961
## 29094	7n2r	5wkf	0.710654603
## 29095	7n2p	5wkf	0.842560583
## 29096	7n2q	5wkf	0.845298278
## 29097	8cx4	5wkf	0.729897079
## 29098	8VCX	5wkf	2.051891911
## 29099	8VCY	5wkf	0.934454650
## 29100	8VD0	5wkf	0.656528604
## 29101	8VD2	5wkf	0.905832845
## 29102	6XCP	5wkf	2.446762511
## 29103	6XC0	5wkf	0.742292375
## 29104	6XC9	5wkf	0.713959221
## 29105	1ao7	5wkh	0.823119785
## 29106	1bd2	5wkh	0.719789182
## 29107	1fyt	5wkh	0.684892097
## 29108	1j8h	5wkh	0.786998632
## 29109	1mi5	5wkh	0.609224287
## 29110	1oga	5wkh	0.741611321
## 29111	1qrn	5wkh	0.819518009
## 29112	1qse	5wkh	1.010959289
## 29113	1qsf	5wkh	0.812293128
## 29114	1zgl	5wkh	0.809142486
## 29115	2ak4	5wkh	0.625593011
## 29116	2bnq	5wkh	0.800994592
## 29117	2bnr	5wkh	0.824367844
## 29118	2esv	5wkh	0.823072098
## 29119	2f53	5wkh	0.722717939
## 29120	2f54	5wkh	1.043204623
## 29121	2gj6	5wkh	0.841947417
## 29122	2iam	5wkh	2.223021449
## 29123	2ian	5wkh	0.582932396
## 29124	2nx5	5wkh	0.553314301
## 29125	2p5e	5wkh	0.721493312
## 29126	2p5w	5wkh	0.723293273
## 29127	2pye	5wkh	0.805909850
## 29128	2vlj	5wkh	1.061287061
## 29129	2vlk	5wkh	1.226892336
## 29130	2vlr	5wkh	0.800877960
## 29131	2xn9	5wkh	0.715786503
## 29132	2ypl	5wkh	0.904526545
## 29133	3d39	5wkh	0.543645653

## 29134	3d3v	5wkh 0.766986694
## 29135	3dxa	5wkh 0.896941784
## 29136	3ffc	5wkh 0.794570803
## 29137	3gsn	5wkh 0.729633503
## 29138	3h9s	5wkh 0.542423345
## 29139	3hg1	5wkh 0.648063187
## 29140	3kpr	5wkh 0.642509023
## 29141	3kps	5wkh 0.771904041
## 29142	3kxf	5wkh 0.640476492
## 29143	3mv7	5wkh 0.915581809
## 29144	3mv8	5wkh 0.568347155
## 29145	3mv9	5wkh 0.936900019
## 29146	3o4l	5wkh 0.649888299
## 29147	3pwp	5wkh 0.544252429
## 29148	3qdg	5wkh 1.082733919
## 29149	3qdj	5wkh 1.082255884
## 29150	3qdm	5wkh 1.593711557
## 29151	3qeq	5wkh 0.771415637
## 29152	3qfj	5wkh 0.742905803
## 29153	3sjv	5wkh 0.741273829
## 29154	3uts	5wkh 0.694911747
## 29155	3utt	5wkh 0.594596838
## 29156	3vxm	5wkh 0.835137839
## 29157	3vxr	5wkh 0.717012613
## 29158	3vxs	5wkh 0.909883983
## 29159	4c56	5wkh 0.486833118
## 29160	4e41	5wkh 2.833277432
## 29161	4eup	5wkh 0.683147847
## 29162	4ftv	5wkh 0.734604482
## 29163	4g8g	5wkh 0.898521902
## 29164	4g9f	5wkh 0.612575827
## 29165	4gg6	5wkh 0.827598054
## 29166	4jfd	5wkh 0.653595029
## 29167	4jfe	5wkh 0.651711291
## 29168	4jff	5wkh 0.649899983
## 29169	4jrx	5wkh 0.740337039
## 29170	4jry	5wkh 0.950618938
## 29171	4l3e	5wkh 0.822473724
## 29172	4mji	5wkh 1.292250009
## 29173	4mnq	5wkh 0.728095133
## 29174	4ozf	5wkh 1.022765582
## 29175	4ozg	5wkh 2.367120179
## 29176	4ozh	5wkh 1.697494790
## 29177	4ozi	5wkh 2.300955100
## 29178	4prh	5wkh 0.772839257
## 29179	4pri	5wkh 0.636868344
## 29180	4prp	5wkh 0.778567801
## 29181	4qok	5wkh 0.546471388
## 29182	4qrp	5wkh 0.657090277
## 29183	4y19	5wkh 1.076558318
## 29184	4y1a	5wkh 0.708924594
## 29185	4z7u	5wkh 1.171888061
## 29186	4z7v	5wkh 0.904849740
## 29187	4z7w	5wkh 0.623171339

## 29188	5d2l	5wkh 0.677873516
## 29189	5d2n	5wkh 0.657835707
## 29190	1lp9	5wkh 0.503778070
## 29191	1ymm	5wkh 0.847029662
## 29192	2j8u	5wkh 0.505788473
## 29193	2jcc	5wkh 0.505193136
## 29194	2uwe	5wkh 0.505138414
## 29195	2wbj	5wkh 0.651428131
## 29196	3gjf	5wkh 0.702905721
## 29197	3hae	5wkh 0.816023335
## 29198	3nfj	5wkh 0.566875838
## 29199	3o6f	5wkh 0.670697836
## 29200	3pl6	5wkh 0.675620441
## 29201	3t0e	5wkh 0.676141905
## 29202	4euq	5wkh 0.837367375
## 29203	4grl	5wkh 0.609825206
## 29204	4h1l	5wkh 0.961232074
## 29205	4may	5wkh 0.675096356
## 29206	4p4k	5wkh 0.464545788
## 29207	4qrr	5wkh 0.567499140
## 29208	4wuu	5wkh 0.927634021
## 29209	4zez	5wkh 0.948856584
## 29210	5brz	5wkh 1.769874022
## 29211	5bs0	5wkh 2.454163511
## 29212	5c07	5wkh 0.750130306
## 29213	5c08	5wkh 0.833223491
## 29214	5c09	5wkh 0.597574246
## 29215	5c0a	5wkh 0.993537362
## 29216	5c0b	5wkh 0.629428891
## 29217	5c0c	5wkh 1.098245209
## 29218	5e6i	5wkh 0.813961751
## 29219	5e9d	5wkh 0.775959463
## 29220	5eu6	5wkh 0.637192533
## 29221	5euo	5wkh 5.101922892
## 29222	5hbm	5wkh 0.775575186
## 29223	5hho	5wkh 0.802911511
## 29224	5hyj	5wkh 0.700302027
## 29225	5isz	5wkh 0.975194621
## 29226	5jhd	5wkh 0.739477572
## 29227	5jzi	5wkh 0.948426494
## 29228	5ks9	5wkh 0.843259864
## 29229	5ksa	5wkh 0.686226550
## 29230	5ksb	5wkh 0.663451714
## 29231	5men	5wkh 0.728691114
## 29232	5nht	5wkh 0.995576366
## 29233	5nme	5wkh 0.760296656
## 29234	5nmf	5wkh 0.708803375
## 29235	5nmg	5wkh 0.468583101
## 29236	5nqk	5wkh 1.000354015
## 29237	5tez	5wkh 2.757349685
## 29238	5w1v	5wkh 2.214781722
## 29239	5w1w	5wkh 2.324835003
## 29240	5wkf	5wkh 0.707672804
## 29241	5wkh	5wkh 0.000000000

## 29242	5xot	5wkh 0.774302604
## 29243	5xov	5wkh 0.566875838
## 29244	5yxn	5wkh 0.610923165
## 29245	5yxu	5wkh 0.787697805
## 29246	6am5	5wkh 0.830126141
## 29247	6amu	5wkh 0.754490930
## 29248	6avf	5wkh 1.434018532
## 29249	6avg	5wkh 0.806187197
## 29250	6bj2	5wkh 1.309858097
## 29251	6bj3	5wkh 0.783329221
## 29252	6bj8	5wkh 0.783676506
## 29253	6cql	5wkh 0.571506001
## 29254	6cqn	5wkh 1.868754080
## 29255	6cqq	5wkh 1.299233222
## 29256	6cqr	5wkh 0.675064372
## 29257	6d78	5wkh 0.819432496
## 29258	6dfx	5wkh 2.156153929
## 29259	6dkp	5wkh 0.814866732
## 29260	6dx f	5wkh 1.540090166
## 29261	6eqa	5wkh 0.649429566
## 29262	6eqb	5wkh 0.652503602
## 29263	6mtm	5wkh 0.679967443
## 29264	6p64	5wkh 1.897265607
## 29265	6px6	5wkh 0.709680431
## 29266	6py2	5wkh 0.575779045
## 29267	6q3s	5wkh 0.559536848
## 29268	6r2l	5wkh 0.847700406
## 29269	6rp9	5wkh 0.678791946
## 29270	6rpa	5wkh 0.827567185
## 29271	6rpb	5wkh 0.759175534
## 29272	6rsy	5wkh 0.518346123
## 29273	6tmo	5wkh 0.914166314
## 29274	6tro	5wkh 0.947357533
## 29275	6u3n	5wkh 0.547953262
## 29276	6u3o	5wkh 1.528374995
## 29277	6uon	5wkh 0.723783620
## 29278	6vm7	5wkh 0.732577738
## 29279	6vm8	5wkh 0.714775226
## 29280	6vma	5wkh 0.750526479
## 29281	6vmc	5wkh 0.796892523
## 29282	6vmx	5wkh 0.893892125
## 29283	6vqo	5wkh 0.563377899
## 29284	6vrm	5wkh 1.434696968
## 29285	6vrn	5wkh 0.610986278
## 29286	7n1e	5wkh 0.704216086
## 29287	7n1f	5wkh 0.696769267
## 29288	7n6e	5wkh 0.666801027
## 29289	6xc9	5wkh 0.895738433
## 29290	6xco	5wkh 0.747553086
## 29291	6xcp	5wkh 2.155687974
## 29292	6zkw	5wkh 0.759518897
## 29293	6z kx	5wkh 0.568999581
## 29294	6zky	5wkh 0.759582951
## 29295	6z k z	5wkh 0.899997030

## 29296	7dzm	5wkh 0.917651492
## 29297	7dzn	5wkh 0.588188595
## 29298	7rm4	5wkh 0.826163202
## 29299	7rtr	5wkh 0.812424767
## 29300	7l1d	5wkh 0.711500054
## 29301	7sg0	5wkh 1.111180531
## 29302	7sg1	5wkh 0.884721796
## 29303	7sg2	5wkh 0.880192053
## 29304	7rrg	5wkh 0.708533662
## 29305	7n2s	5wkh 0.602118246
## 29306	7n2n	5wkh 0.608650942
## 29307	7n2o	5wkh 0.860360206
## 29308	7n2r	5wkh 0.912977164
## 29309	7n2p	5wkh 0.831171006
## 29310	7n2q	5wkh 0.764858265
## 29311	8cx4	5wkh 0.744732109
## 29312	8VCX	5wkh 1.752753673
## 29313	8VCY	5wkh 0.613993212
## 29314	8VD0	5wkh 0.582678582
## 29315	8VD2	5wkh 0.789252305
## 29316	6XCP	5wkh 2.155786300
## 29317	6XC0	5wkh 0.747648057
## 29318	6XC9	5wkh 0.895375766
## 29319	1ao7	5xot 1.502112571
## 29320	1bd2	5xot 0.838440969
## 29321	1fyt	5xot 1.108232683
## 29322	1j8h	5xot 1.644089663
## 29323	1mi5	5xot 1.173995495
## 29324	1oga	5xot 0.847281299
## 29325	1qrn	5xot 1.572901250
## 29326	1qse	5xot 1.850549806
## 29327	1qsf	5xot 1.562275697
## 29328	1zgl	5xot 1.005891083
## 29329	2ak4	5xot 0.724929962
## 29330	2bnq	5xot 1.350737353
## 29331	2bnr	5xot 1.151967641
## 29332	2esv	5xot 1.355239125
## 29333	2f53	5xot 0.848560681
## 29334	2f54	5xot 1.636018977
## 29335	2gj6	5xot 1.679627865
## 29336	2iam	5xot 3.347572605
## 29337	2ian	5xot 0.798278375
## 29338	2nx5	5xot 0.809887768
## 29339	2p5e	5xot 0.841793891
## 29340	2p5w	5xot 0.844946638
## 29341	2pye	5xot 0.612961823
## 29342	2vlj	5xot 1.269378755
## 29343	2vlk	5xot 2.192090123
## 29344	2vlr	5xot 1.110199253
## 29345	2xn9	5xot 1.014601308
## 29346	2ypl	5xot 1.210064443
## 29347	3d39	5xot 0.982352435
## 29348	3d3v	5xot 0.892378874
## 29349	3dxa	5xot 1.024515358

## 29350	3ffc	5xot 0.906597992
## 29351	3gsn	5xot 1.095387432
## 29352	3h9s	5xot 0.978145033
## 29353	3hg1	5xot 1.148448856
## 29354	3kpr	5xot 0.826796014
## 29355	3kps	5xot 0.523220782
## 29356	3kxf	5xot 0.789386731
## 29357	3mv7	5xot 0.998876629
## 29358	3mv8	5xot 1.052134130
## 29359	3mv9	5xot 1.334945910
## 29360	3o4l	5xot 1.179413305
## 29361	3pwp	5xot 0.983317794
## 29362	3qdg	5xot 1.852511266
## 29363	3qdj	5xot 1.852837367
## 29364	3qdm	5xot 2.389515942
## 29365	3qeq	5xot 1.230060581
## 29366	3qfj	5xot 1.225778593
## 29367	3sjv	5xot 1.050719155
## 29368	3uts	5xot 1.411371109
## 29369	3utt	5xot 0.861757627
## 29370	3vxm	5xot 0.890209695
## 29371	3vxr	5xot 0.519701613
## 29372	3vxs	5xot 0.769259579
## 29373	4c56	5xot 0.742005881
## 29374	4e41	5xot 4.410609387
## 29375	4eup	5xot 0.957285229
## 29376	4ftv	5xot 0.585751577
## 29377	4g8g	5xot 0.534965231
## 29378	4g9f	5xot 1.051006797
## 29379	4gg6	5xot 0.873219466
## 29380	4jfd	5xot 1.161710899
## 29381	4jfe	5xot 1.159863435
## 29382	4jff	5xot 1.158998484
## 29383	4jrx	5xot 0.794797644
## 29384	4jry	5xot 0.762319259
## 29385	4l3e	5xot 0.913318084
## 29386	4mji	5xot 1.678406915
## 29387	4mnq	5xot 0.968184708
## 29388	4ozf	5xot 1.358775986
## 29389	4ozg	5xot 3.620224180
## 29390	4ozh	5xot 2.443489525
## 29391	4ozi	5xot 3.580728517
## 29392	4prh	5xot 0.701918561
## 29393	4pri	5xot 0.707151663
## 29394	4prp	5xot 0.719141293
## 29395	4qok	5xot 1.311314316
## 29396	4qrp	5xot 0.828565655
## 29397	4y19	5xot 0.864567121
## 29398	4y1a	5xot 0.833115494
## 29399	4z7u	5xot 1.884547454
## 29400	4z7v	5xot 1.337052837
## 29401	4z7w	5xot 0.753557163
## 29402	5d2l	5xot 1.037889456
## 29403	5d2n	5xot 0.864328194

## 29404	1lp9	5xot 0.807816151
## 29405	1ymm	5xot 0.956347762
## 29406	2j8u	5xot 0.809393513
## 29407	2jcc	5xot 0.810616878
## 29408	2uwe	5xot 0.808401156
## 29409	2wbj	5xot 1.038561922
## 29410	3gjf	5xot 0.898192288
## 29411	3hae	5xot 1.145602778
## 29412	3nfj	5xot 0.935874460
## 29413	3o6f	5xot 0.861038429
## 29414	3pl6	5xot 1.185674478
## 29415	3t0e	5xot 0.836376169
## 29416	4euq	5xot 0.919870438
## 29417	4grl	5xot 1.066365741
## 29418	4h1l	5xot 1.236157930
## 29419	4may	5xot 0.567280239
## 29420	4p4k	5xot 0.914995482
## 29421	4qrr	5xot 0.686022597
## 29422	4wuu	5xot 1.168444980
## 29423	4zez	5xot 1.149655693
## 29424	5brz	5xot 2.810059714
## 29425	5bs0	5xot 3.622317657
## 29426	5c07	5xot 1.271341159
## 29427	5c08	5xot 1.142522786
## 29428	5c09	5xot 0.874113187
## 29429	5c0a	5xot 1.434960781
## 29430	5c0b	5xot 0.883441516
## 29431	5c0c	5xot 1.580945840
## 29432	5e6i	5xot 1.321149584
## 29433	5e9d	5xot 0.880609642
## 29434	5eu6	5xot 1.127010227
## 29435	5euo	5xot 7.530609086
## 29436	5hhm	5xot 1.482137209
## 29437	5hho	5xot 0.921395054
## 29438	5hyj	5xot 1.256007629
## 29439	5isz	5xot 1.568460233
## 29440	5jhd	5xot 1.344908764
## 29441	5jzi	5xot 1.148654627
## 29442	5ks9	5xot 1.136347598
## 29443	5ksa	5xot 0.719084489
## 29444	5ksb	5xot 0.594863052
## 29445	5men	5xot 0.969501084
## 29446	5nht	5xot 1.183107599
## 29447	5nme	5xot 1.478689998
## 29448	5nmf	5xot 1.254432395
## 29449	5nmg	5xot 0.933138831
## 29450	5nqk	5xot 1.184483814
## 29451	5tez	5xot 3.966715933
## 29452	5w1v	5xot 3.256741830
## 29453	5w1w	5xot 3.418187398
## 29454	5wkf	5xot 0.543224386
## 29455	5wkh	5xot 0.774302604
## 29456	5xot	5xot 0.000000000
## 29457	5xov	5xot 0.935874460

## 29458	5yxn	5xot 0.853612442
## 29459	5yxu	5xot 1.045249303
## 29460	6am5	5xot 0.910785552
## 29461	6amu	5xot 0.872902423
## 29462	6avf	5xot 1.657295163
## 29463	6avg	5xot 0.837615396
## 29464	6bj2	5xot 1.699873305
## 29465	6bj3	5xot 0.515113083
## 29466	6bj8	5xot 0.523253026
## 29467	6cql	5xot 0.844453621
## 29468	6cqn	5xot 2.928621611
## 29469	6cqq	5xot 1.897968987
## 29470	6cqr	5xot 0.758316312
## 29471	6d78	5xot 0.902466731
## 29472	6dfx	5xot 3.369094542
## 29473	6dkp	5xot 0.902667091
## 29474	6dx f	5xot 2.529775127
## 29475	6eqa	5xot 1.152037430
## 29476	6eqb	5xot 1.157493484
## 29477	6mtm	5xot 0.928245307
## 29478	6p64	5xot 3.090213226
## 29479	6px6	5xot 0.757919859
## 29480	6py2	5xot 1.025169642
## 29481	6q3s	5xot 1.006326866
## 29482	6r2l	5xot 1.117483161
## 29483	6rp9	5xot 0.899785690
## 29484	6rpa	5xot 0.771371697
## 29485	6rpb	5xot 1.170428642
## 29486	6rsy	5xot 0.974748191
## 29487	6tmo	5xot 1.230392352
## 29488	6tro	5xot 1.705445871
## 29489	6u3n	5xot 0.775790619
## 29490	6u3o	5xot 2.023761904
## 29491	6uon	5xot 1.280152041
## 29492	6vm7	5xot 0.766285495
## 29493	6vm8	5xot 0.734201038
## 29494	6vma	5xot 1.235592205
## 29495	6vmc	5xot 1.407140106
## 29496	6vmx	5xot 0.947580927
## 29497	6vqo	5xot 0.962759584
## 29498	6vrm	5xot 2.142253711
## 29499	6vrn	5xot 0.895344565
## 29500	7n1e	5xot 1.046247694
## 29501	7n1f	5xot 0.942514020
## 29502	7n6e	5xot 0.914435667
## 29503	6xc9	5xot 1.028656174
## 29504	6xco	5xot 0.582551586
## 29505	6xcp	5xot 3.258221692
## 29506	6zkw	5xot 0.654943509
## 29507	6z kx	5xot 0.907922816
## 29508	6zky	5xot 0.651627774
## 29509	6zkz	5xot 0.822360487
## 29510	7dzm	5xot 1.596242401
## 29511	7dzn	5xot 1.085155176

## 29512	7rm4	5xot 1.252197024
## 29513	7rtr	5xot 1.068018537
## 29514	7l1d	5xot 0.975167435
## 29515	7sg0	5xot 1.616032495
## 29516	7sg1	5xot 0.946294665
## 29517	7sg2	5xot 0.937201767
## 29518	7rrg	5xot 1.230570579
## 29519	7n2s	5xot 1.180037789
## 29520	7n2n	5xot 1.187826266
## 29521	7n2o	5xot 0.906664153
## 29522	7n2r	5xot 0.943427111
## 29523	7n2p	5xot 0.935494038
## 29524	7n2q	5xot 1.057451460
## 29525	8cx4	5xot 0.806189846
## 29526	8VCX	5xot 2.744539328
## 29527	8VCY	5xot 1.087679787
## 29528	8VD0	5xot 0.769258079
## 29529	8VD2	5xot 1.193493865
## 29530	6XCP	5xot 3.257875905
## 29531	6XC0	5xot 0.582861115
## 29532	6XC9	5xot 1.027361067
## 29533	1ao7	5xov 1.039084463
## 29534	1bd2	5xov 0.783527628
## 29535	1fyt	5xov 0.896862579
## 29536	1j8h	5xov 1.026691096
## 29537	1mi5	5xov 0.801557908
## 29538	1oga	5xov 0.801967763
## 29539	1qrn	5xov 1.069548980
## 29540	1qse	5xov 1.010429192
## 29541	1qsf	5xov 1.066113293
## 29542	1zgl	5xov 0.824742146
## 29543	2ak4	5xov 0.681716263
## 29544	2bnq	5xov 0.813243903
## 29545	2bnr	5xov 0.816132853
## 29546	2esv	5xov 0.972169843
## 29547	2f53	5xov 0.816764335
## 29548	2f54	5xov 0.952038397
## 29549	2gj6	5xov 0.984168940
## 29550	2iam	5xov 2.315864211
## 29551	2ian	5xov 0.700599712
## 29552	2nx5	5xov 0.501151550
## 29553	2p5e	5xov 0.816793868
## 29554	2p5w	5xov 0.818042977
## 29555	2pye	5xov 0.870994535
## 29556	2vlj	5xov 0.907349710
## 29557	2vlk	5xov 1.401582632
## 29558	2vlr	5xov 0.660825987
## 29559	2xn9	5xov 0.886596139
## 29560	2yp1	5xov 0.840057509
## 29561	3d39	5xov 0.726882987
## 29562	3d3v	5xov 0.809718752
## 29563	3dxa	5xov 0.792353694
## 29564	3ffc	5xov 1.077265114
## 29565	3gsn	5xov 0.682612948

## 29566	3h9s	5xov 0.727450827
## 29567	3hg1	5xov 0.745556234
## 29568	3kpr	5xov 0.655777251
## 29569	3kps	5xov 0.859573244
## 29570	3kxf	5xov 0.606235850
## 29571	3mv7	5xov 0.948093932
## 29572	3mv8	5xov 0.853461775
## 29573	3mv9	5xov 0.994698419
## 29574	3o4l	5xov 0.902792488
## 29575	3pwp	5xov 0.726966192
## 29576	3qdg	5xov 1.005559195
## 29577	3qdj	5xov 1.005794770
## 29578	3qdm	5xov 1.409906076
## 29579	3qeq	5xov 0.743750320
## 29580	3qfj	5xov 0.741919127
## 29581	3sjv	5xov 0.607847814
## 29582	3uts	5xov 0.798240392
## 29583	3utt	5xov 0.686436309
## 29584	3vxm	5xov 0.843041180
## 29585	3vxr	5xov 0.857295911
## 29586	3vxs	5xov 0.921414991
## 29587	4c56	5xov 0.615503992
## 29588	4e41	5xov 2.828131468
## 29589	4eup	5xov 0.660934716
## 29590	4ftv	5xov 0.945004160
## 29591	4g8g	5xov 1.062345142
## 29592	4g9f	5xov 0.807496153
## 29593	4gg6	5xov 0.996687054
## 29594	4jfd	5xov 0.744874418
## 29595	4jfe	5xov 0.745075780
## 29596	4jff	5xov 0.744942438
## 29597	4jrx	5xov 0.792576318
## 29598	4jry	5xov 0.864575546
## 29599	4l3e	5xov 0.897280584
## 29600	4mji	5xov 1.504794582
## 29601	4mnq	5xov 0.929351871
## 29602	4ozf	5xov 0.937350977
## 29603	4ozg	5xov 2.209840102
## 29604	4ozh	5xov 1.454369997
## 29605	4ozi	5xov 2.234348678
## 29606	4prh	5xov 0.873054071
## 29607	4pri	5xov 0.939474604
## 29608	4prp	5xov 0.860457465
## 29609	4qok	5xov 0.946397434
## 29610	4qrp	5xov 0.741494660
## 29611	4y19	5xov 1.083374792
## 29612	4y1a	5xov 0.969610903
## 29613	4z7u	5xov 1.059041047
## 29614	4z7v	5xov 0.868383209
## 29615	4z7w	5xov 0.663297803
## 29616	5d2l	5xov 0.722013404
## 29617	5d2n	5xov 0.660299347
## 29618	1lp9	5xov 0.593085115
## 29619	1ymm	5xov 1.050768451

## 29620	2j8u	5xov 0.593285718
## 29621	2jcc	5xov 0.593472545
## 29622	2uwe	5xov 0.593257147
## 29623	2wbj	5xov 0.648917261
## 29624	3gjf	5xov 0.565759784
## 29625	3hae	5xov 0.766415570
## 29626	3nfj	5xov 0.000000000
## 29627	3o6f	5xov 0.662359912
## 29628	3pl6	5xov 0.919868232
## 29629	3t0e	5xov 0.739093373
## 29630	4euq	5xov 0.972302088
## 29631	4grl	5xov 0.797562290
## 29632	4h1l	5xov 1.018863934
## 29633	4may	5xov 0.933051349
## 29634	4p4k	5xov 0.646427349
## 29635	4qrr	5xov 0.841955213
## 29636	4wuu	5xov 0.851780278
## 29637	4zez	5xov 0.904174204
## 29638	5brz	5xov 1.609158244
## 29639	5bs0	5xov 2.202301493
## 29640	5c07	5xov 0.608977574
## 29641	5c08	5xov 0.704760841
## 29642	5c09	5xov 0.688811633
## 29643	5c0a	5xov 0.963134491
## 29644	5c0b	5xov 0.892360591
## 29645	5c0c	5xov 0.829507925
## 29646	5e6i	5xov 0.831679446
## 29647	5e9d	5xov 0.799669282
## 29648	5eu6	5xov 0.833299785
## 29649	5euo	5xov 4.860541606
## 29650	5hhm	5xov 0.886912748
## 29651	5hho	5xov 0.959773743
## 29652	5hyj	5xov 0.573396349
## 29653	5isz	5xov 0.885016991
## 29654	5jhd	5xov 0.833514660
## 29655	5jzi	5xov 0.903646543
## 29656	5ks9	5xov 1.076560929
## 29657	5ksa	5xov 0.780343243
## 29658	5ksb	5xov 0.686502822
## 29659	5men	5xov 0.929554189
## 29660	5nht	5xov 0.936785465
## 29661	5nme	5xov 0.797985267
## 29662	5nmf	5xov 0.709035973
## 29663	5nmg	5xov 0.593307661
## 29664	5nqk	5xov 0.942329908
## 29665	5tez	5xov 2.510684988
## 29666	5w1v	5xov 2.094286261
## 29667	5w1w	5xov 2.270338567
## 29668	5wkf	5xov 0.810029649
## 29669	5wkh	5xov 0.566875838
## 29670	5xot	5xov 0.935874460
## 29671	5xov	5xov 0.000000000
## 29672	5yxn	5xov 0.817678740
## 29673	5yxu	5xov 0.657260896

## 29674	6am5	5xov 0.902457142
## 29675	6amu	5xov 0.864176385
## 29676	6avf	5xov 1.243963943
## 29677	6avg	5xov 0.860125949
## 29678	6bj2	5xov 1.350176294
## 29679	6bj3	5xov 0.978141850
## 29680	6bj8	5xov 0.981482119
## 29681	6cql	5xov 0.928452577
## 29682	6cqn	5xov 2.065629372
## 29683	6cqq	5xov 1.163174572
## 29684	6cqr	5xov 0.703952271
## 29685	6d78	5xov 0.906147365
## 29686	6dfx	5xov 2.171933719
## 29687	6dkp	5xov 0.895079933
## 29688	6dxl	5xov 1.463779249
## 29689	6eqa	5xov 0.746610558
## 29690	6eqb	5xov 0.745331403
## 29691	6mtm	5xov 0.768611034
## 29692	6p64	5xov 1.819376765
## 29693	6px6	5xov 0.821182474
## 29694	6py2	5xov 0.908724822
## 29695	6q3s	5xov 0.843482744
## 29696	6r2l	5xov 0.794909183
## 29697	6rp9	5xov 0.607444975
## 29698	6rpa	5xov 0.773258655
## 29699	6rpb	5xov 0.654941398
## 29700	6rsy	5xov 0.663346682
## 29701	6tmo	5xov 0.869087165
## 29702	6tro	5xov 1.159553985
## 29703	6u3n	5xov 0.839199693
## 29704	6u3o	5xov 1.311891911
## 29705	6uon	5xov 0.596958449
## 29706	6vm7	5xov 0.880790678
## 29707	6vm8	5xov 0.819816324
## 29708	6vma	5xov 0.920175449
## 29709	6vmc	5xov 0.964425265
## 29710	6vmx	5xov 0.881052718
## 29711	6vqo	5xov 0.732414529
## 29712	6vrn	5xov 1.291181250
## 29713	6vrn	5xov 0.803523694
## 29714	7n1e	5xov 0.873067837
## 29715	7n1f	5xov 0.732195049
## 29716	7n6e	5xov 0.577499025
## 29717	6xc9	5xov 0.849297896
## 29718	6xco	5xov 0.943703179
## 29719	6xcp	5xov 2.209056256
## 29720	6zkw	5xov 0.921898211
## 29721	6zky	5xov 0.878126239
## 29722	6zky	5xov 0.921518619
## 29723	6zkz	5xov 0.856850707
## 29724	7dzm	5xov 1.003446173
## 29725	7dzn	5xov 0.763366059
## 29726	7rm4	5xov 0.752006816
## 29727	7rtr	5xov 0.747910144

## 29728	7l1d	5xov 0.897272992
## 29729	7sg0	5xov 1.032459111
## 29730	7sg1	5xov 0.747719810
## 29731	7sg2	5xov 0.736981575
## 29732	7rrg	5xov 0.834272606
## 29733	7n2s	5xov 0.813909521
## 29734	7n2n	5xov 0.813800953
## 29735	7n2o	5xov 0.771731828
## 29736	7n2r	5xov 0.976679472
## 29737	7n2p	5xov 0.783120311
## 29738	7n2q	5xov 0.734305095
## 29739	8cx4	5xov 0.767355547
## 29740	8VCX	5xov 1.868734779
## 29741	8VCY	5xov 0.790296140
## 29742	8VD0	5xov 0.629913665
## 29743	8VD2	5xov 0.960021182
## 29744	6XCP	5xov 2.209273013
## 29745	6XC0	5xov 0.943971475
## 29746	6XC9	5xov 0.848051614
## 29747	1ao7	5yxn 1.233479972
## 29748	1bd2	5yxn 0.952314970
## 29749	1fyt	5yxn 0.976790116
## 29750	1j8h	5yxn 1.197600392
## 29751	1mi5	5yxn 0.689623805
## 29752	1oga	5yxn 0.777035909
## 29753	1qrn	5yxn 1.274011360
## 29754	1qse	5yxn 1.406322873
## 29755	1qsf	5yxn 1.265811155
## 29756	1zgl	5yxn 1.055731088
## 29757	2ak4	5yxn 0.816702752
## 29758	2bnq	5yxn 0.932959290
## 29759	2bnr	5yxn 0.859882764
## 29760	2esv	5yxn 1.133063073
## 29761	2f53	5yxn 0.931596314
## 29762	2f54	5yxn 1.592022882
## 29763	2gj6	5yxn 1.154744984
## 29764	2iam	5yxn 3.277886943
## 29765	2ian	5yxn 0.786251280
## 29766	2nx5	5yxn 0.855018893
## 29767	2p5e	5yxn 0.928411832
## 29768	2p5w	5yxn 0.932050863
## 29769	2pye	5yxn 0.954572859
## 29770	2vlj	5yxn 1.395892999
## 29771	2vlk	5yxn 1.877442702
## 29772	2vlr	5yxn 1.066954052
## 29773	2xn9	5yxn 0.794702043
## 29774	2yp1	5yxn 1.008191855
## 29775	3d39	5yxn 0.650394353
## 29776	3d3v	5yxn 0.844523103
## 29777	3dxa	5yxn 1.142522755
## 29778	3ffc	5yxn 0.948210807
## 29779	3gsn	5yxn 0.855712135
## 29780	3h9s	5yxn 0.649421377
## 29781	3hg1	5yxn 0.930931755

## 29782	3kpr	5yxn 0.847623869
## 29783	3kps	5yxn 0.894889450
## 29784	3kxf	5yxn 0.834478948
## 29785	3mv7	5yxn 0.921542155
## 29786	3mv8	5yxn 0.853349245
## 29787	3mv9	5yxn 1.090252122
## 29788	3o4l	5yxn 1.054763514
## 29789	3pwp	5yxn 0.650106904
## 29790	3qdg	5yxn 1.506473374
## 29791	3qdj	5yxn 1.506500041
## 29792	3qdm	5yxn 2.255929866
## 29793	3qeq	5yxn 1.003481410
## 29794	3qfj	5yxn 1.005098171
## 29795	3sjv	5yxn 1.031931136
## 29796	3uts	5yxn 1.265163122
## 29797	3utt	5yxn 0.669511484
## 29798	3vxm	5yxn 1.018477335
## 29799	3vxr	5yxn 0.653393232
## 29800	3vxs	5yxn 1.045165371
## 29801	4c56	5yxn 0.587425386
## 29802	4e4l	5yxn 4.302254449
## 29803	4eup	5yxn 0.901799248
## 29804	4ftv	5yxn 0.805160836
## 29805	4g8g	5yxn 0.947154321
## 29806	4g9f	5yxn 0.560006055
## 29807	4gg6	5yxn 1.047818640
## 29808	4jfd	5yxn 0.941338688
## 29809	4jfe	5yxn 0.938754545
## 29810	4jff	5yxn 0.936102429
## 29811	4jrx	5yxn 0.948107580
## 29812	4jry	5yxn 1.012141012
## 29813	4l3e	5yxn 0.710618261
## 29814	4mji	5yxn 1.718851225
## 29815	4mnq	5yxn 0.854893731
## 29816	4ozf	5yxn 1.322222418
## 29817	4ozg	5yxn 3.498844984
## 29818	4ozh	5yxn 2.422894012
## 29819	4ozi	5yxn 3.406902669
## 29820	4prh	5yxn 0.729056520
## 29821	4pri	5yxn 0.919601133
## 29822	4prp	5yxn 0.747068678
## 29823	4qok	5yxn 0.925077454
## 29824	4qrp	5yxn 0.782884924
## 29825	4y19	5yxn 1.126436925
## 29826	4y1a	5yxn 0.742766171
## 29827	4z7u	5yxn 1.732824521
## 29828	4z7v	5yxn 1.338185980
## 29829	4z7w	5yxn 0.779522880
## 29830	5d2l	5yxn 0.982944151
## 29831	5d2n	5yxn 0.818622066
## 29832	1lp9	5yxn 0.826756431
## 29833	1ymm	5yxn 0.817723714
## 29834	2j8u	5yxn 0.828541964
## 29835	2jcc	5yxn 0.829510146

## 29836	2uwe	5yxn 0.827589474
## 29837	2wbj	5yxn 1.033238679
## 29838	3gjf	5yxn 0.902634306
## 29839	3hae	5yxn 1.173524994
## 29840	3nfj	5yxn 0.817678740
## 29841	3o6f	5yxn 0.808990525
## 29842	3p16	5yxn 0.790292500
## 29843	3t0e	5yxn 0.827981816
## 29844	4euq	5yxn 0.885486439
## 29845	4gr1	5yxn 0.793332487
## 29846	4h11	5yxn 1.288787060
## 29847	4may	5yxn 0.805420277
## 29848	4p4k	5yxn 0.712590759
## 29849	4qrr	5yxn 0.692198714
## 29850	4wuu	5yxn 0.986292617
## 29851	4zez	5yxn 1.207540168
## 29852	5brz	5yxn 2.641160666
## 29853	5bs0	5yxn 3.573525801
## 29854	5c07	5yxn 1.150776462
## 29855	5c08	5yxn 1.072278484
## 29856	5c09	5yxn 0.675856346
## 29857	5c0a	5yxn 1.434664699
## 29858	5c0b	5yxn 0.864779242
## 29859	5c0c	5yxn 1.522693980
## 29860	5e6i	5yxn 1.229452477
## 29861	5e9d	5yxn 0.998694868
## 29862	5eu6	5yxn 0.645150507
## 29863	5euo	5yxn 7.459496956
## 29864	5hhm	5yxn 1.348490470
## 29865	5hho	5yxn 0.940915522
## 29866	5hyj	5yxn 1.089946202
## 29867	5isz	5yxn 1.257783099
## 29868	5jhd	5yxn 1.287348480
## 29869	5jzi	5yxn 1.206723606
## 29870	5ks9	5yxn 1.107696434
## 29871	5ksa	5yxn 0.673508731
## 29872	5ksb	5yxn 0.744052947
## 29873	5men	5yxn 0.854291803
## 29874	5nht	5yxn 1.086183733
## 29875	5nme	5yxn 1.257459188
## 29876	5nmf	5yxn 1.170806509
## 29877	5nmg	5yxn 0.826702100
## 29878	5nqk	5yxn 1.090125719
## 29879	5tez	5yxn 3.968223483
## 29880	5w1v	5yxn 3.265692003
## 29881	5w1w	5yxn 3.404571078
## 29882	5wkf	5yxn 0.714194827
## 29883	5wkh	5yxn 0.610923165
## 29884	5xot	5yxn 0.853612442
## 29885	5xov	5yxn 0.817678740
## 29886	5yxn	5yxn 0.000000000
## 29887	5yxu	5yxn 0.986917322
## 29888	6am5	5yxn 0.717358200
## 29889	6amu	5yxn 0.663778996

## 29890	6avf	5yxn 1.790635493
## 29891	6avg	5yxn 0.782480268
## 29892	6bj2	5yxn 1.677738346
## 29893	6bj3	5yxn 0.988402926
## 29894	6bj8	5yxn 0.989427057
## 29895	6cql	5yxn 0.696915946
## 29896	6cqn	5yxn 2.846404507
## 29897	6cqq	5yxn 1.860768999
## 29898	6cqr	5yxn 0.856235277
## 29899	6d78	5yxn 0.705509976
## 29900	6dfx	5yxn 3.192463068
## 29901	6dkp	5yxn 0.699191918
## 29902	6dxl	5yxn 2.271962355
## 29903	6eqa	5yxn 0.934368389
## 29904	6eqb	5yxn 0.939458418
## 29905	6mtm	5yxn 0.490657581
## 29906	6p64	5yxn 2.958697279
## 29907	6px6	5yxn 0.755254808
## 29908	6py2	5yxn 0.927511872
## 29909	6q3s	5yxn 0.559235008
## 29910	6r2l	5yxn 1.056706533
## 29911	6rp9	5yxn 1.076950286
## 29912	6rpa	5yxn 0.796135177
## 29913	6rpb	5yxn 1.121590904
## 29914	6rsy	5yxn 0.740865429
## 29915	6tmo	5yxn 1.146685799
## 29916	6tro	5yxn 1.366905645
## 29917	6u3n	5yxn 0.732474841
## 29918	6u3o	5yxn 2.087112716
## 29919	6uon	5yxn 1.043763685
## 29920	6vm7	5yxn 0.570063404
## 29921	6vm8	5yxn 0.676873870
## 29922	6vma	5yxn 0.887673507
## 29923	6vmc	5yxn 1.254610303
## 29924	6vmx	5yxn 0.972493880
## 29925	6vqo	5yxn 0.733811399
## 29926	6vrm	5yxn 2.136381797
## 29927	6vrn	5yxn 0.426312961
## 29928	7n1e	5yxn 1.067381950
## 29929	7n1f	5yxn 0.879944083
## 29930	7n6e	5yxn 0.920153780
## 29931	6xc9	5yxn 1.149970753
## 29932	6xco	5yxn 0.897106462
## 29933	6xcp	5yxn 3.252666984
## 29934	6zkw	5yxn 0.865322584
## 29935	6zku	5yxn 0.698254974
## 29936	6zky	5yxn 0.865182908
## 29937	6zkz	5yxn 0.837934909
## 29938	7dzm	5yxn 1.355298304
## 29939	7dzn	5yxn 0.785971880
## 29940	7rm4	5yxn 1.202499123
## 29941	7rtr	5yxn 1.046853651
## 29942	7l1d	5yxn 0.657195290
## 29943	7sg0	5yxn 1.342564892

## 29944	7sg1	5yxn 1.132711302
## 29945	7sg2	5yxn 1.120319277
## 29946	7rrg	5yxn 0.898464620
## 29947	7n2s	5yxn 0.745150801
## 29948	7n2n	5yxn 0.755058444
## 29949	7n2o	5yxn 1.083998870
## 29950	7n2r	5yxn 1.093453684
## 29951	7n2p	5yxn 0.906297833
## 29952	7n2q	5yxn 1.038302398
## 29953	8cx4	5yxn 0.937659217
## 29954	8VCX	5yxn 2.690107640
## 29955	8VCY	5yxn 0.787805554
## 29956	8VD0	5yxn 0.754962884
## 29957	8VD2	5yxn 0.895088968
## 29958	6XCP	5yxn 3.253228975
## 29959	6XC0	5yxn 0.897184996
## 29960	6XC9	5yxn 1.150287065
## 29961	1ao7	5yxu 1.115156596
## 29962	1bd2	5yxu 0.938158355
## 29963	1fyt	5yxu 0.991052522
## 29964	1j8h	5yxu 1.137124539
## 29965	1mi5	5yxu 1.033921585
## 29966	1oga	5yxu 0.793888000
## 29967	1qrn	5yxu 1.129879795
## 29968	1qse	5yxu 0.939163759
## 29969	1qsf	5yxu 1.125610529
## 29970	1zgl	5yxu 0.745366293
## 29971	2ak4	5yxu 0.746776303
## 29972	2bnq	5yxu 0.729476279
## 29973	2bnr	5yxu 0.743806234
## 29974	2esv	5yxu 1.032071938
## 29975	2f53	5yxu 0.801880845
## 29976	2f54	5yxu 0.918719899
## 29977	2gj6	5yxu 1.044650201
## 29978	2iam	5yxu 2.716100368
## 29979	2ian	5yxu 0.694787675
## 29980	2nx5	5yxu 0.571821362
## 29981	2p5e	5yxu 0.803094711
## 29982	2p5w	5yxu 0.804301416
## 29983	2pye	5yxu 0.869704790
## 29984	2vlj	5yxu 0.783308420
## 29985	2vlk	5yxu 1.525106873
## 29986	2vlr	5yxu 0.681058641
## 29987	2xn9	5yxu 0.812026690
## 29988	2yp1	5yxu 0.725820777
## 29989	3d39	5yxu 0.846977660
## 29990	3d3v	5yxu 0.776717934
## 29991	3dxa	5yxu 0.848968483
## 29992	3ffc	5yxu 1.200803699
## 29993	3gsn	5yxu 0.734265513
## 29994	3h9s	5yxu 0.847803132
## 29995	3hg1	5yxu 0.790787777
## 29996	3kpr	5yxu 0.639084537
## 29997	3kps	5yxu 0.811678628

## 29998	3kxf	5yxu 0.664267759
## 29999	3mv7	5yxu 0.819935736
## 30000	3mv8	5yxu 1.097617795
## 30001	3mv9	5yxu 0.870533233
## 30002	3o4l	5yxu 1.140391913
## 30003	3pwp	5yxu 0.847199135
## 30004	3qdg	5yxu 0.913612118
## 30005	3qdj	5yxu 0.913636824
## 30006	3qdm	5yxu 1.313191060
## 30007	3qeq	5yxu 0.824673462
## 30008	3qfj	5yxu 0.755249373
## 30009	3sjv	5yxu 0.603232461
## 30010	3uts	5yxu 0.901553244
## 30011	3utt	5yxu 0.807996788
## 30012	3vxm	5yxu 0.829560451
## 30013	3vxr	5yxu 1.037005952
## 30014	3vxs	5yxu 0.812889504
## 30015	4c56	5yxu 0.656264153
## 30016	4e41	5yxu 2.872212963
## 30017	4eup	5yxu 0.616041488
## 30018	4ftv	5yxu 0.991180545
## 30019	4g8g	5yxu 1.171066847
## 30020	4g9f	5yxu 0.898587828
## 30021	4gg6	5yxu 1.143889137
## 30022	4jfd	5yxu 0.789353471
## 30023	4jfe	5yxu 0.789523487
## 30024	4jff	5yxu 0.790409353
## 30025	4jrx	5yxu 0.788503605
## 30026	4jry	5yxu 0.761736261
## 30027	4l3e	5yxu 0.898448776
## 30028	4mji	5yxu 1.551309617
## 30029	4mnq	5yxu 0.981831450
## 30030	4ozf	5yxu 1.052824260
## 30031	4ozg	5yxu 2.270876025
## 30032	4ozh	5yxu 1.513280002
## 30033	4ozi	5yxu 2.304263125
## 30034	4prh	5yxu 0.985820525
## 30035	4pri	5yxu 1.178219665
## 30036	4prp	5yxu 0.973589573
## 30037	4qok	5yxu 1.091026833
## 30038	4qrp	5yxu 0.702450421
## 30039	4y19	5yxu 1.041253830
## 30040	4y1a	5yxu 0.988708094
## 30041	4z7u	5yxu 1.241958426
## 30042	4z7v	5yxu 1.154852166
## 30043	4z7w	5yxu 0.722257124
## 30044	5d2l	5yxu 0.825127608
## 30045	5d2n	5yxu 0.529244880
## 30046	1lp9	5yxu 0.798569526
## 30047	1ymm	5yxu 1.262272674
## 30048	2j8u	5yxu 0.798242469
## 30049	2jcc	5yxu 0.798396191
## 30050	2uwe	5yxu 0.798074405
## 30051	2wbj	5yxu 0.746029389

## 30052	3gjf	5yxu 0.695766702
## 30053	3hae	5yxu 0.745516398
## 30054	3nfj	5yxu 0.657260896
## 30055	3o6f	5yxu 0.518814822
## 30056	3pl6	5yxu 1.184585824
## 30057	3t0e	5yxu 1.022985375
## 30058	4euq	5yxu 1.120561440
## 30059	4grl	5yxu 0.949853500
## 30060	4h1l	5yxu 1.238814049
## 30061	4may	5yxu 1.117106850
## 30062	4p4k	5yxu 0.735646803
## 30063	4qrr	5yxu 1.074163743
## 30064	4wuu	5yxu 0.742755374
## 30065	4zez	5yxu 1.136126326
## 30066	5brz	5yxu 1.516174179
## 30067	5bs0	5yxu 2.057274886
## 30068	5c07	5yxu 0.801178625
## 30069	5c08	5yxu 0.635062239
## 30070	5c09	5yxu 0.811074287
## 30071	5c0a	5yxu 0.941668150
## 30072	5c0b	5yxu 1.039882377
## 30073	5c0c	5yxu 0.826760558
## 30074	5e6i	5yxu 0.801912704
## 30075	5e9d	5yxu 0.576551835
## 30076	5eu6	5yxu 1.121432484
## 30077	5euo	5yxu 5.002224775
## 30078	5hhm	5yxu 0.958368781
## 30079	5hho	5yxu 1.051733041
## 30080	5hyj	5yxu 0.696699680
## 30081	5isz	5yxu 0.693574112
## 30082	5jhd	5yxu 1.084567691
## 30083	5jzi	5yxu 1.135626343
## 30084	5ks9	5yxu 1.126350887
## 30085	5ksa	5yxu 0.886480236
## 30086	5ksb	5yxu 0.742708859
## 30087	5men	5yxu 0.980382894
## 30088	5nht	5yxu 0.837320035
## 30089	5nme	5yxu 0.906918861
## 30090	5nmf	5yxu 0.811915448
## 30091	5nmg	5yxu 0.793775789
## 30092	5nqk	5yxu 0.838260424
## 30093	5tez	5yxu 2.303141948
## 30094	5w1v	5yxu 2.183079596
## 30095	5w1w	5yxu 2.415535229
## 30096	5wkf	5yxu 0.732249291
## 30097	5wkh	5yxu 0.787697805
## 30098	5xot	5yxu 1.045249303
## 30099	5xov	5yxu 0.657260896
## 30100	5yxn	5yxu 0.986917322
## 30101	5yxu	5yxu 0.000000000
## 30102	6am5	5yxu 0.900713419
## 30103	6amu	5yxu 1.004816466
## 30104	6avf	5yxu 1.336576602
## 30105	6avg	5yxu 0.781486331

## 30106	6bj2	5yxu 1.047125760
## 30107	6bj3	5yxu 1.220619957
## 30108	6bj8	5yxu 1.225777483
## 30109	6cql	5yxu 1.183726271
## 30110	6cqn	5yxu 2.476934982
## 30111	6cqq	5yxu 1.060934679
## 30112	6cqr	5yxu 0.881661469
## 30113	6d78	5yxu 0.914264559
## 30114	6dfx	5yxu 2.203498785
## 30115	6dkp	5yxu 0.907370753
## 30116	6dxs	5yxu 1.343938631
## 30117	6eqa	5yxu 0.792924943
## 30118	6eqb	5yxu 0.790520175
## 30119	6mtm	5yxu 0.925439538
## 30120	6p64	5yxu 1.996111880
## 30121	6px6	5yxu 0.898801685
## 30122	6py2	5yxu 1.091447559
## 30123	6q3s	5yxu 0.983836392
## 30124	6r2l	5yxu 1.021604704
## 30125	6rp9	5yxu 0.761693910
## 30126	6rpa	5yxu 0.774363939
## 30127	6rpb	5yxu 0.702233395
## 30128	6rsy	5yxu 0.626371855
## 30129	6tmo	5yxu 0.969589797
## 30130	6tro	5yxu 1.121370379
## 30131	6u3n	5yxu 1.040257340
## 30132	6u3o	5yxu 1.334429929
## 30133	6uon	5yxu 0.643157292
## 30134	6vm7	5yxu 0.932631312
## 30135	6vm8	5yxu 0.938361630
## 30136	6vma	5yxu 0.891961336
## 30137	6vmc	5yxu 1.040071580
## 30138	6vmx	5yxu 0.914689754
## 30139	6vqo	5yxu 0.709488457
## 30140	6vrm	5yxu 1.274660361
## 30141	6vrn	5yxu 0.977201500
## 30142	7n1e	5yxu 0.980074126
## 30143	7n1f	5yxu 0.887929236
## 30144	7n6e	5yxu 0.649006482
## 30145	6xc9	5yxu 0.749343519
## 30146	6xco	5yxu 1.183546773
## 30147	6xcp	5yxu 2.495530487
## 30148	6zkw	5yxu 0.862278830
## 30149	6zks	5yxu 0.880284748
## 30150	6zky	5yxu 0.863502272
## 30151	6zkz	5yxu 0.789219477
## 30152	7dzm	5yxu 1.362795834
## 30153	7dzn	5yxu 0.929299399
## 30154	7rm4	5yxu 0.798429083
## 30155	7rtr	5yxu 0.744356432
## 30156	7l1d	5yxu 0.936883184
## 30157	7sg0	5yxu 0.815004382
## 30158	7sg1	5yxu 0.955179929
## 30159	7sg2	5yxu 0.941179151

## 30160	7rrg	5yxu 0.820728392
## 30161	7n2s	5yxu 0.863237300
## 30162	7n2n	5yxu 0.847006024
## 30163	7n2o	5yxu 0.741597784
## 30164	7n2r	5yxu 0.862059784
## 30165	7n2p	5yxu 0.843739751
## 30166	7n2q	5yxu 0.796285247
## 30167	8cx4	5yxu 0.769272028
## 30168	8VCX	5yxu 2.241084724
## 30169	8VCY	5yxu 0.942768196
## 30170	8VD0	5yxu 0.815751205
## 30171	8VD2	5yxu 0.941714388
## 30172	6XCP	5yxu 2.495844702
## 30173	6XC0	5yxu 1.183799609
## 30174	6XC9	5yxu 0.748289039
## 30175	1ao7	6am5 1.544156605
## 30176	1bd2	6am5 1.150955326
## 30177	1fyt	6am5 1.279363928
## 30178	1j8h	6am5 1.460839713
## 30179	1mi5	6am5 1.124788450
## 30180	1oga	6am5 0.977306205
## 30181	1qrn	6am5 1.553333197
## 30182	1qse	6am5 1.446974249
## 30183	1qsf	6am5 1.545074498
## 30184	1zgl	6am5 1.011180767
## 30185	2ak4	6am5 0.838193893
## 30186	2bnq	6am5 0.848942088
## 30187	2bnr	6am5 0.568169264
## 30188	2esv	6am5 1.455315048
## 30189	2f53	6am5 0.970436171
## 30190	2f54	6am5 1.486844050
## 30191	2gj6	6am5 1.352543028
## 30192	2iam	6am5 3.535375182
## 30193	2ian	6am5 0.833420196
## 30194	2nx5	6am5 0.823816084
## 30195	2p5e	6am5 0.962968037
## 30196	2p5w	6am5 0.966529126
## 30197	2pye	6am5 0.838857993
## 30198	2vlj	6am5 1.281392944
## 30199	2vlk	6am5 2.250668358
## 30200	2vlr	6am5 1.071955281
## 30201	2xn9	6am5 0.770395563
## 30202	2yp1	6am5 0.717539064
## 30203	3d39	6am5 0.950747994
## 30204	3d3v	6am5 0.999106847
## 30205	3dxa	6am5 1.110843441
## 30206	3ffc	6am5 1.118858293
## 30207	3gsn	6am5 0.950526896
## 30208	3h9s	6am5 0.950423186
## 30209	3hg1	6am5 1.129993722
## 30210	3kpr	6am5 0.700530749
## 30211	3kps	6am5 0.821967877
## 30212	3kxf	6am5 0.849530223
## 30213	3mv7	6am5 0.846318180

## 30214	3mv8	6am5 1.083032377
## 30215	3mv9	6am5 1.186502822
## 30216	3o4l	6am5 1.291994079
## 30217	3pwp	6am5 0.950597506
## 30218	3qdg	6am5 1.441755485
## 30219	3qdj	6am5 1.442420424
## 30220	3qdm	6am5 2.063259442
## 30221	3qeq	6am5 1.058033028
## 30222	3qfj	6am5 1.093651398
## 30223	3sjv	6am5 1.042211084
## 30224	3uts	6am5 1.280928840
## 30225	3utt	6am5 0.701418976
## 30226	3vxm	6am5 0.911108492
## 30227	3vxr	6am5 0.848933505
## 30228	3vxs	6am5 0.771707467
## 30229	4c56	6am5 0.583586752
## 30230	4e4l	6am5 4.378561124
## 30231	4eup	6am5 0.746732125
## 30232	4ftv	6am5 0.720245993
## 30233	4g8g	6am5 1.059898006
## 30234	4g9f	6am5 0.597563819
## 30235	4gg6	6am5 1.195581287
## 30236	4jfd	6am5 1.139253939
## 30237	4jfe	6am5 1.135592955
## 30238	4jff	6am5 1.134601273
## 30239	4jrx	6am5 1.019697321
## 30240	4jry	6am5 0.822772821
## 30241	4l3e	6am5 0.077189219
## 30242	4mji	6am5 1.810771030
## 30243	4mnq	6am5 1.090990661
## 30244	4ozf	6am5 1.211823332
## 30245	4ozg	6am5 3.548885040
## 30246	4ozh	6am5 2.305149078
## 30247	4ozi	6am5 3.501875920
## 30248	4prh	6am5 0.836947985
## 30249	4pri	6am5 1.185901190
## 30250	4prp	6am5 0.825993409
## 30251	4qok	6am5 1.259816032
## 30252	4qrp	6am5 0.750363212
## 30253	4y19	6am5 1.007439639
## 30254	4y1a	6am5 0.725070729
## 30255	4z7u	6am5 1.780326617
## 30256	4z7v	6am5 1.400293476
## 30257	4z7w	6am5 0.861564574
## 30258	5d2l	6am5 1.097143767
## 30259	5d2n	6am5 0.627938565
## 30260	1lp9	6am5 0.919056379
## 30261	1ymm	6am5 0.874401488
## 30262	2j8u	6am5 0.919853582
## 30263	2jcc	6am5 0.921164677
## 30264	2uwe	6am5 0.919161372
## 30265	2wbj	6am5 1.091229784
## 30266	3gjf	6am5 0.883323023
## 30267	3hae	6am5 1.142318750

## 30268	3nfj	6am5 0.902457142
## 30269	3o6f	6am5 0.797984173
## 30270	3p16	6am5 1.162665283
## 30271	3t0e	6am5 1.042998712
## 30272	4euq	6am5 0.912473806
## 30273	4grl	6am5 0.884264336
## 30274	4h1l	6am5 1.343675044
## 30275	4may	6am5 1.067489076
## 30276	4p4k	6am5 0.853186810
## 30277	4qrr	6am5 1.059167487
## 30278	4wuu	6am5 0.699487341
## 30279	4zez	6am5 1.243415927
## 30280	5brz	6am5 2.715304759
## 30281	5bs0	6am5 3.491812788
## 30282	5c07	6am5 1.174642114
## 30283	5c08	6am5 0.840231213
## 30284	5c09	6am5 0.713292020
## 30285	5c0a	6am5 1.517113179
## 30286	5c0b	6am5 1.170329054
## 30287	5c0c	6am5 1.347586052
## 30288	5e6i	6am5 1.278704836
## 30289	5e9d	6am5 0.858265917
## 30290	5eu6	6am5 0.999212558
## 30291	5euo	6am5 7.491662370
## 30292	5hhm	6am5 1.457101722
## 30293	5hho	6am5 0.742456014
## 30294	5hyj	6am5 1.097310214
## 30295	5isz	6am5 1.196267799
## 30296	5jhd	6am5 1.371431417
## 30297	5jzi	6am5 1.242433545
## 30298	5ks9	6am5 1.286704884
## 30299	5ksa	6am5 0.700414058
## 30300	5ksb	6am5 0.771190147
## 30301	5men	6am5 1.088464095
## 30302	5nht	6am5 0.575914370
## 30303	5nme	6am5 1.348560561
## 30304	5nmf	6am5 1.215870661
## 30305	5nmg	6am5 0.798409766
## 30306	5nqk	6am5 0.571462496
## 30307	5tez	6am5 3.753520987
## 30308	5w1v	6am5 3.274607237
## 30309	5w1w	6am5 3.450077940
## 30310	5wkf	6am5 0.762291873
## 30311	5wkh	6am5 0.830126141
## 30312	5xot	6am5 0.910785552
## 30313	5xov	6am5 0.902457142
## 30314	5yxn	6am5 0.717358200
## 30315	5yxu	6am5 0.900713419
## 30316	6am5	6am5 0.000000000
## 30317	6amu	6am5 0.437155539
## 30318	6avf	6am5 1.613931386
## 30319	6avg	6am5 0.753142471
## 30320	6bj2	6am5 1.725398314
## 30321	6bj3	6am5 1.175599966

## 30322	6bj8	6am5 1.179825964
## 30323	6cql	6am5 1.005411321
## 30324	6cqn	6am5 3.160673630
## 30325	6cqq	6am5 1.747494059
## 30326	6cqr	6am5 0.982710622
## 30327	6d78	6am5 0.113480298
## 30328	6dfx	6am5 3.329761193
## 30329	6dkp	6am5 0.109511803
## 30330	6dxf	6am5 2.296249576
## 30331	6eqa	6am5 1.135685692
## 30332	6eqb	6am5 1.134895882
## 30333	6mtm	6am5 0.553886595
## 30334	6p64	6am5 3.094410541
## 30335	6px6	6am5 0.930671931
## 30336	6py2	6am5 1.243207132
## 30337	6q3s	6am5 0.846155492
## 30338	6r2l	6am5 1.221067287
## 30339	6rp9	6am5 1.062332779
## 30340	6rpa	6am5 0.742429100
## 30341	6rpb	6am5 1.138351952
## 30342	6rsy	6am5 0.800243933
## 30343	6tmo	6am5 1.088184337
## 30344	6tro	6am5 1.564883353
## 30345	6u3n	6am5 0.984994817
## 30346	6u3o	6am5 1.926808753
## 30347	6uon	6am5 1.073787217
## 30348	6vm7	6am5 0.579779552
## 30349	6vm8	6am5 0.610981371
## 30350	6vma	6am5 0.981626981
## 30351	6vmc	6am5 1.503097877
## 30352	6vmx	6am5 0.893386872
## 30353	6vqo	6am5 0.844582538
## 30354	6vrm	6am5 2.143268297
## 30355	6vrn	6am5 0.667077595
## 30356	7n1e	6am5 1.196185965
## 30357	7n1f	6am5 1.052743032
## 30358	7n6e	6am5 0.881731816
## 30359	6xc9	6am5 1.028263423
## 30360	6xco	6am5 1.144161852
## 30361	6xcp	6am5 3.423037553
## 30362	6zkw	6am5 0.759065055
## 30363	6zqx	6am5 0.849334457
## 30364	6zky	6am5 0.760349056
## 30365	6zkz	6am5 0.593160755
## 30366	7dzm	6am5 1.688989056
## 30367	7dzn	6am5 1.081884757
## 30368	7rm4	6am5 1.156081890
## 30369	7rtr	6am5 1.144346014
## 30370	7l1d	6am5 0.788965537
## 30371	7sg0	6am5 1.347332422
## 30372	7sg1	6am5 1.115262642
## 30373	7sg2	6am5 1.096148622
## 30374	7rrg	6am5 0.952916732
## 30375	7n2s	6am5 0.855571867

## 30376	7n2n	6am5 0.843731991
## 30377	7n2o	6am5 1.059933408
## 30378	7n2r	6am5 0.913456066
## 30379	7n2p	6am5 0.812598626
## 30380	7n2q	6am5 0.929198241
## 30381	8cx4	6am5 1.011252640
## 30382	8VCX	6am5 2.910161130
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## 30385	8VD2	6am5 1.003416424
## 30386	6XCP	6am5 3.423372773
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## 30390	1bd2	6amu 0.958618648
## 30391	1fyt	6amu 1.201920793
## 30392	1j8h	6amu 1.403560228
## 30393	1mi5	6amu 1.022036143
## 30394	1oga	6amu 1.052698467
## 30395	1qrn	6amu 1.490168876
## 30396	1qse	6amu 1.476401043
## 30397	1qsf	6amu 1.483640773
## 30398	1zgl	6amu 1.084473671
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## 30400	2bnq	6amu 0.958132025
## 30401	2bnr	6amu 0.720578411
## 30402	2esv	6amu 1.439190142
## 30403	2f53	6amu 0.935301599
## 30404	2f54	6amu 1.406501903
## 30405	2gj6	6amu 1.335305513
## 30406	2iam	6amu 3.182964891
## 30407	2ian	6amu 0.873622020
## 30408	2nx5	6amu 0.815441886
## 30409	2p5e	6amu 0.925315683
## 30410	2p5w	6amu 0.928755896
## 30411	2pye	6amu 0.791775249
## 30412	2vlj	6amu 1.291961754
## 30413	2vlk	6amu 2.155975187
## 30414	2vlr	6amu 0.942906692
## 30415	2xn9	6amu 0.808944083
## 30416	2yp1	6amu 0.913654619
## 30417	3d39	6amu 0.932745446
## 30418	3d3v	6amu 1.078486089
## 30419	3dxa	6amu 1.019446014
## 30420	3ffc	6amu 1.073062210
## 30421	3gsn	6amu 0.930683888
## 30422	3h9s	6amu 0.932269849
## 30423	3hg1	6amu 1.123044593
## 30424	3kpr	6amu 0.670439729
## 30425	3kps	6amu 0.886944080
## 30426	3kxf	6amu 0.867028393
## 30427	3mv7	6amu 1.044943713
## 30428	3mv8	6amu 0.829889680
## 30429	3mv9	6amu 1.332695703

## 30430	3o4l	6amu 1.037024246
## 30431	3pwp	6amu 0.932911187
## 30432	3qdg	6amu 1.436660178
## 30433	3qdj	6amu 1.437386720
## 30434	3qdm	6amu 2.020934859
## 30435	3qeq	6amu 0.976704842
## 30436	3qfj	6amu 1.083533834
## 30437	3sjv	6amu 1.027270724
## 30438	3uts	6amu 1.186031935
## 30439	3utt	6amu 0.773114700
## 30440	3vxm	6amu 0.817936860
## 30441	3vxr	6amu 0.810783146
## 30442	3vxs	6amu 0.829698886
## 30443	4c56	6amu 0.620757240
## 30444	4e41	6amu 4.382332323
## 30445	4eup	6amu 0.802755504
## 30446	4ftv	6amu 0.665026728
## 30447	4g8g	6amu 1.057622897
## 30448	4g9f	6amu 0.608027013
## 30449	4gg6	6amu 1.046956281
## 30450	4jfd	6amu 1.131373840
## 30451	4jfe	6amu 1.128668555
## 30452	4jff	6amu 1.127299696
## 30453	4jrx	6amu 0.953012431
## 30454	4jry	6amu 1.001424976
## 30455	4l3e	6amu 0.429753092
## 30456	4mji	6amu 1.851151825
## 30457	4mnq	6amu 1.072104090
## 30458	4ozf	6amu 1.091394898
## 30459	4ozg	6amu 3.533874514
## 30460	4ozh	6amu 2.336032225
## 30461	4ozi	6amu 3.492498322
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## 30463	4pri	6amu 0.937394535
## 30464	4prp	6amu 0.695112981
## 30465	4qok	6amu 1.158790099
## 30466	4qrp	6amu 0.902425325
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## 30468	4y1a	6amu 0.793005350
## 30469	4z7u	6amu 1.743322528
## 30470	4z7v	6amu 1.228816340
## 30471	4z7w	6amu 0.828911444
## 30472	5d2l	6amu 1.030448577
## 30473	5d2n	6amu 0.721788326
## 30474	1lp9	6amu 0.771457481
## 30475	1ymm	6amu 0.720205793
## 30476	2j8u	6amu 0.772894112
## 30477	2jcc	6amu 0.774163747
## 30478	2uwe	6amu 0.771970608
## 30479	2wbj	6amu 1.038458565
## 30480	3gjf	6amu 0.847794818
## 30481	3hae	6amu 1.141467903
## 30482	3nfj	6amu 0.864176385
## 30483	3o6f	6amu 0.844237626

## 30484	3p16	6amu 0.990093278
## 30485	3t0e	6amu 0.893164230
## 30486	4euq	6amu 0.878954876
## 30487	4gr1	6amu 0.728621199
## 30488	4h11	6amu 1.129075753
## 30489	4may	6amu 0.919999377
## 30490	4p4k	6amu 0.758689082
## 30491	4qrr	6amu 0.905439080
## 30492	4wuu	6amu 0.846108294
## 30493	4zez	6amu 1.101458055
## 30494	5brz	6amu 2.660171499
## 30495	5bs0	6amu 3.450592362
## 30496	5c07	6amu 1.044387387
## 30497	5c08	6amu 0.953238527
## 30498	5c09	6amu 0.783182377
## 30499	5c0a	6amu 1.459351494
## 30500	5c0b	6amu 1.047956387
## 30501	5c0c	6amu 1.369314276
## 30502	5e6i	6amu 1.293539280
## 30503	5e9d	6amu 0.951723042
## 30504	5eu6	6amu 0.755600908
## 30505	5euo	6amu 7.500203727
## 30506	5hhm	6amu 1.394332176
## 30507	5hho	6amu 0.559966959
## 30508	5hyj	6amu 1.056469227
## 30509	5isz	6amu 1.329409993
## 30510	5jhd	6amu 1.233001715
## 30511	5jzi	6amu 1.100365117
## 30512	5ks9	6amu 1.277137662
## 30513	5ksa	6amu 0.714608675
## 30514	5ksb	6amu 0.710754399
## 30515	5men	6amu 1.070473934
## 30516	5nht	6amu 0.730137727
## 30517	5nme	6amu 1.300251148
## 30518	5nmf	6amu 1.127295194
## 30519	5nmg	6amu 0.711361557
## 30520	5nqk	6amu 0.736094970
## 30521	5tez	6amu 3.763136963
## 30522	5w1v	6amu 3.216979737
## 30523	5w1w	6amu 3.372360889
## 30524	5wkf	6amu 0.799699592
## 30525	5wkh	6amu 0.754490930
## 30526	5xot	6amu 0.872902423
## 30527	5xov	6amu 0.864176385
## 30528	5yxn	6amu 0.663778996
## 30529	5yxu	6amu 1.004816466
## 30530	6am5	6amu 0.437155539
## 30531	6amu	6amu 0.000000000
## 30532	6avf	6amu 1.633924795
## 30533	6avg	6amu 0.864928500
## 30534	6bj2	6amu 1.730405737
## 30535	6bj3	6amu 0.946298711
## 30536	6bj8	6amu 0.948064493
## 30537	6cql	6amu 0.811271064

## 30538	6cqn	6amu 2.814109696
## 30539	6cqq	6amu 1.798335434
## 30540	6cqr	6amu 0.850490350
## 30541	6d78	6amu 0.426714271
## 30542	6dfx	6amu 3.318982396
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## 30552	6r2l	6amu 0.959493353
## 30553	6rp9	6amu 1.022048979
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## 30560	6u3o	6amu 1.930763368
## 30561	6uon	6amu 1.049866545
## 30562	6vm7	6amu 0.541012390
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## 30564	6vma	6amu 1.049160937
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## 30568	6vrm	6amu 2.027889344
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## 30570	7n1e	6amu 1.009888431
## 30571	7n1f	6amu 0.960057201
## 30572	7n6e	6amu 0.842539291
## 30573	6xc9	6amu 1.009389621
## 30574	6xco	6amu 0.942824827
## 30575	6xcp	6amu 3.115589447
## 30576	6zkw	6amu 0.884762331
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## 30580	7dzm	6amu 1.454380916
## 30581	7dzn	6amu 1.059299588
## 30582	7rm4	6amu 1.174440004
## 30583	7rtr	6amu 1.098094258
## 30584	7l1d	6amu 0.940704397
## 30585	7sg0	6amu 1.545555215
## 30586	7sg1	6amu 1.030037965
## 30587	7sg2	6amu 1.019325483
## 30588	7rrg	6amu 0.962597681
## 30589	7n2s	6amu 0.852975790
## 30590	7n2n	6amu 0.859526713
## 30591	7n2o	6amu 1.040409857

## 30592	7n2r	6amu 0.875369360
## 30593	7n2p	6amu 0.790507299
## 30594	7n2q	6amu 0.938672151
## 30595	8cx4	6amu 0.958628394
## 30596	8VCX	6amu 2.723974086
## 30597	8VCY	6amu 0.742491867
## 30598	8VD0	6amu 0.800924694
## 30599	8VD2	6amu 1.056387212
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## 30601	6XC0	6amu 0.942474842
## 30602	6XC9	6amu 1.010297597
## 30603	1ao7	6avf 2.533743535
## 30604	1bd2	6avf 1.777303724
## 30605	1fyt	6avf 2.214607995
## 30606	1j8h	6avf 2.432264815
## 30607	1mi5	6avf 2.004999240
## 30608	1oga	6avf 1.872948970
## 30609	1qrn	6avf 2.579671249
## 30610	1qse	6avf 2.327429988
## 30611	1qsf	6avf 2.569769455
## 30612	1zgl	6avf 1.240748819
## 30613	2ak4	6avf 1.126190263
## 30614	2bnq	6avf 1.795641762
## 30615	2bnr	6avf 1.527294450
## 30616	2esv	6avf 2.421979539
## 30617	2f53	6avf 1.872765120
## 30618	2f54	6avf 1.668288896
## 30619	2gj6	6avf 2.416816946
## 30620	2iam	6avf 3.750755504
## 30621	2ian	6avf 1.242762744
## 30622	2nx5	6avf 1.140417158
## 30623	2p5e	6avf 1.865847552
## 30624	2p5w	6avf 1.868446114
## 30625	2pye	6avf 1.658269423
## 30626	2vlj	6avf 1.463141382
## 30627	2vlk	6avf 3.172351453
## 30628	2vlr	6avf 1.369576889
## 30629	2xn9	6avf 1.810758314
## 30630	2ypl	6avf 1.463345264
## 30631	3d39	6avf 1.739217304
## 30632	3d3v	6avf 1.916831463
## 30633	3dxa	6avf 1.177867164
## 30634	3ffc	6avf 1.780367942
## 30635	3gsn	6avf 1.515339598
## 30636	3h9s	6avf 1.738721896
## 30637	3hg1	6avf 1.812769390
## 30638	3kpr	6avf 1.195295171
## 30639	3kps	6avf 1.669940480
## 30640	3kxf	6avf 1.230039417
## 30641	3mv7	6avf 1.974303011
## 30642	3mv8	6avf 1.800604967
## 30643	3mv9	6avf 2.286370543
## 30644	3o4l	6avf 1.977454174
## 30645	3pwp	6avf 1.739467004

## 30646	3qdg	6avf 2.120454757
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## 30648	3qdm	6avf 2.118859046
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## 30650	3qfj	6avf 1.604079222
## 30651	3sjv	6avf 1.154093683
## 30652	3uts	6avf 1.737285998
## 30653	3utt	6avf 1.445200691
## 30654	3vxm	6avf 1.729055250
## 30655	3vxr	6avf 1.621034010
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## 30657	4c56	6avf 1.111300008
## 30658	4e41	6avf 4.731679006
## 30659	4eup	6avf 1.306758213
## 30660	4ftv	6avf 1.798247675
## 30661	4g8g	6avf 1.917054295
## 30662	4g9f	6avf 1.836114085
## 30663	4gg6	6avf 1.578780137
## 30664	4jfd	6avf 1.814868360
## 30665	4jfe	6avf 1.811410958
## 30666	4jff	6avf 1.813061130
## 30667	4jrx	6avf 1.717039811
## 30668	4jry	6avf 1.396465665
## 30669	4l3e	6avf 1.606661864
## 30670	4mji	6avf 2.422958573
## 30671	4mnq	6avf 2.208404567
## 30672	4ozf	6avf 1.318045497
## 30673	4ozg	6avf 3.747376022
## 30674	4ozh	6avf 2.203967519
## 30675	4ozi	6avf 3.906756341
## 30676	4prh	6avf 1.870760873
## 30677	4pri	6avf 1.952886825
## 30678	4prp	6avf 1.824352099
## 30679	4qok	6avf 2.273859244
## 30680	4qrp	6avf 1.380329631
## 30681	4y19	6avf 1.667995603
## 30682	4y1a	6avf 2.013501369
## 30683	4z7u	6avf 2.189731190
## 30684	4z7v	6avf 1.522236323
## 30685	4z7w	6avf 1.436702863
## 30686	5d2l	6avf 1.532063716
## 30687	5d2n	6avf 1.305198203
## 30688	1lp9	6avf 1.504273445
## 30689	1ymm	6avf 1.841592955
## 30690	2j8u	6avf 1.504493470
## 30691	2jcc	6avf 1.505698821
## 30692	2uwe	6avf 1.503869213
## 30693	2wbj	6avf 1.473491109
## 30694	3gjf	6avf 1.195149870
## 30695	3hae	6avf 1.316598047
## 30696	3nfj	6avf 1.243963943
## 30697	3o6f	6avf 1.470438825
## 30698	3p16	6avf 2.140910524
## 30699	3t0e	6avf 1.617908603

## 30700	4euq	6avf 1.596952233
## 30701	4grl	6avf 1.669815461
## 30702	4h1l	6avf 1.696188755
## 30703	4may	6avf 1.980676252
## 30704	4p4k	6avf 1.308780287
## 30705	4qrr	6avf 1.778649856
## 30706	4wuu	6avf 1.488202450
## 30707	4zez	6avf 1.370346382
## 30708	5brz	6avf 3.005791064
## 30709	5bs0	6avf 3.393965252
## 30710	5c07	6avf 1.380219610
## 30711	5c08	6avf 1.143823717
## 30712	5c09	6avf 1.454277351
## 30713	5c0a	6avf 1.790447059
## 30714	5c0b	6avf 1.815058735
## 30715	5c0c	6avf 1.326431153
## 30716	5e6i	6avf 1.607053107
## 30717	5e9d	6avf 1.490932194
## 30718	5eu6	6avf 1.952226952
## 30719	5euo	6avf 7.561155002
## 30720	5hhm	6avf 2.112406325
## 30721	5hho	6avf 1.596435416
## 30722	5hyj	6avf 1.406219297
## 30723	5isz	6avf 1.773609295
## 30724	5jhd	6avf 1.674472554
## 30725	5jzi	6avf 1.369740234
## 30726	5ks9	6avf 2.086333821
## 30727	5ksa	6avf 1.417743316
## 30728	5ksb	6avf 1.180237210
## 30729	5men	6avf 2.208204895
## 30730	5nht	6avf 1.430569492
## 30731	5nme	6avf 1.919977304
## 30732	5nmf	6avf 1.457794059
## 30733	5nmg	6avf 1.335890593
## 30734	5nqk	6avf 1.433404072
## 30735	5tez	6avf 3.585567793
## 30736	5w1v	6avf 3.231256173
## 30737	5w1w	6avf 3.537319565
## 30738	5wkf	6avf 1.313219448
## 30739	5wkh	6avf 1.434018532
## 30740	5xot	6avf 1.657295163
## 30741	5xov	6avf 1.243963943
## 30742	5yxn	6avf 1.790635493
## 30743	5yxu	6avf 1.336576602
## 30744	6am5	6avf 1.613931386
## 30745	6amu	6avf 1.633924795
## 30746	6avf	6avf 0.000000000
## 30747	6avg	6avf 1.350745241
## 30748	6bj2	6avf 2.273671131
## 30749	6bj3	6avf 1.758878574
## 30750	6bj8	6avf 1.770898783
## 30751	6cql	6avf 1.854627517
## 30752	6cqn	6avf 3.415458360
## 30753	6cqq	6avf 1.690178418

## 30754	6cqr	6avf 1.288026307
## 30755	6d78	6avf 1.630336521
## 30756	6dfx	6avf 3.750304657
## 30757	6dkp	6avf 1.612126076
## 30758	6dxr	6avf 2.800571499
## 30759	6eqa	6avf 1.816498603
## 30760	6eqb	6avf 1.811121494
## 30761	6mtm	6avf 1.671440505
## 30762	6p64	6avf 3.397175930
## 30763	6px6	6avf 1.892928245
## 30764	6py2	6avf 2.096202226
## 30765	6q3s	6avf 1.897438542
## 30766	6r2l	6avf 1.779451123
## 30767	6rp9	6avf 1.281579854
## 30768	6rpa	6avf 1.610460512
## 30769	6rpb	6avf 1.301426787
## 30770	6rsy	6avf 1.480346429
## 30771	6tmo	6avf 1.767862838
## 30772	6tro	6avf 2.689493607
## 30773	6u3n	6avf 1.881938661
## 30774	6u3o	6avf 1.669163326
## 30775	6uon	6avf 1.491081673
## 30776	6vm7	6avf 1.733859037
## 30777	6vm8	6avf 1.559185739
## 30778	6vma	6avf 2.211849845
## 30779	6vmc	6avf 2.101199864
## 30780	6vmx	6avf 1.367152662
## 30781	6vqo	6avf 1.687963693
## 30782	6vrm	6avf 2.252613429
## 30783	6vrn	6avf 1.693054226
## 30784	7n1e	6avf 1.865128145
## 30785	7n1f	6avf 1.826467965
## 30786	7n6e	6avf 1.334376859
## 30787	6xc9	6avf 1.156212112
## 30788	6xco	6avf 1.833236915
## 30789	6xcp	6avf 3.456035562
## 30790	6zkw	6avf 1.682492479
## 30791	6zky	6avf 1.894195327
## 30792	6zky	6avf 1.680496514
## 30793	6zkz	6avf 1.655572386
## 30794	7dzm	6avf 2.311809833
## 30795	7dzn	6avf 1.965835355
## 30796	7rm4	6avf 1.426177820
## 30797	7rtr	6avf 1.772220053
## 30798	7l1d	6avf 1.851953706
## 30799	7sg0	6avf 2.200505157
## 30800	7sg1	6avf 1.188317700
## 30801	7sg2	6avf 1.178030352
## 30802	7rrg	6avf 1.989099848
## 30803	7n2s	6avf 1.909851565
## 30804	7n2n	6avf 1.899816529
## 30805	7n2o	6avf 1.547580605
## 30806	7n2r	6avf 1.790750498
## 30807	7n2p	6avf 1.242281671

## 30808	7n2q	6avf 1.227761545
## 30809	8cx4	6avf 1.652861646
## 30810	8VCX	6avf 3.468796129
## 30811	8VCY	6avf 1.685285713
## 30812	8VD0	6avf 1.504097309
## 30813	8VD2	6avf 2.266956466
## 30814	6XCP	6avf 3.456035562
## 30815	6XC0	6avf 1.833226394
## 30816	6XC9	6avf 1.154657735
## 30817	1ao7	6avg 1.302357013
## 30818	1bd2	6avg 1.065786287
## 30819	1fyf	6avg 1.099865041
## 30820	1j8h	6avg 1.318226472
## 30821	1mi5	6avg 1.079292775
## 30822	1oga	6avg 0.850547875
## 30823	1qrn	6avg 1.291299195
## 30824	1qse	6avg 1.359514794
## 30825	1qsf	6avg 1.285584614
## 30826	1zgl	6avg 0.720811953
## 30827	2ak4	6avg 0.635228815
## 30828	2bnq	6avg 1.012671692
## 30829	2bnr	6avg 0.893987289
## 30830	2esv	6avg 1.171036215
## 30831	2f53	6avg 0.954533300
## 30832	2f54	6avg 1.321240751
## 30833	2gj6	6avg 1.274994041
## 30834	2iam	6avg 2.708672725
## 30835	2ian	6avg 0.621165404
## 30836	2nx5	6avg 0.692904045
## 30837	2p5e	6avg 0.951130295
## 30838	2p5w	6avg 0.953597871
## 30839	2pye	6avg 0.873432596
## 30840	2vlj	6avg 1.151922467
## 30841	2vlk	6avg 1.737797619
## 30842	2vlr	6avg 1.002814292
## 30843	2xn9	6avg 0.856634783
## 30844	2yp1	6avg 0.953773870
## 30845	3d39	6avg 0.971522539
## 30846	3d3v	6avg 0.890029758
## 30847	3dxa	6avg 0.888162905
## 30848	3ffc	6avg 0.806974863
## 30849	3gsn	6avg 1.018809499
## 30850	3h9s	6avg 0.970388648
## 30851	3hg1	6avg 1.101559837
## 30852	3kpr	6avg 0.698862326
## 30853	3kps	6avg 0.817052216
## 30854	3kxf	6avg 0.661909981
## 30855	3mv7	6avg 0.743862838
## 30856	3mv8	6avg 1.129969838
## 30857	3mv9	6avg 0.963172974
## 30858	3o41	6avg 1.235426651
## 30859	3pwp	6avg 0.971533545
## 30860	3qdg	6avg 1.391136657
## 30861	3qdj	6avg 1.391721382

## 30862	3qdm	6avg 1.805478790
## 30863	3qeq	6avg 1.122012190
## 30864	3qfj	6avg 1.099484063
## 30865	3sjv	6avg 0.839708214
## 30866	3uts	6avg 1.200255579
## 30867	3utt	6avg 0.730367186
## 30868	3vxm	6avg 0.969460137
## 30869	3vxx	6avg 0.853470079
## 30870	3vxs	6avg 0.834001309
## 30871	4c56	6avg 0.601136534
## 30872	4e41	6avg 3.252070311
## 30873	4eup	6avg 0.754251023
## 30874	4ftv	6avg 0.774537227
## 30875	4g8g	6avg 0.833920493
## 30876	4g9f	6avg 0.896077806
## 30877	4gg6	6avg 0.946889369
## 30878	4jfd	6avg 1.106549927
## 30879	4jfe	6avg 1.104378162
## 30880	4jff	6avg 1.103173152
## 30881	4jrx	6avg 0.943949400
## 30882	4jry	6avg 0.820020624
## 30883	4l3e	6avg 0.749493721
## 30884	4mji	6avg 1.318922316
## 30885	4mnq	6avg 0.949615657
## 30886	4ozf	6avg 1.243923991
## 30887	4ozg	6avg 2.619963488
## 30888	4ozh	6avg 1.755368340
## 30889	4ozi	6avg 2.572601349
## 30890	4prh	6avg 0.828862385
## 30891	4pri	6avg 1.079850389
## 30892	4prp	6avg 0.825544312
## 30893	4qok	6avg 1.168361327
## 30894	4qrp	6avg 0.592956091
## 30895	4y19	6avg 0.818847346
## 30896	4y1a	6avg 0.791639157
## 30897	4z7u	6avg 1.412541971
## 30898	4z7v	6avg 1.186272348
## 30899	4z7w	6avg 0.740693237
## 30900	5d2l	6avg 0.890960359
## 30901	5d2n	6avg 0.689397329
## 30902	1lp9	6avg 0.871498834
## 30903	1ymm	6avg 0.969174274
## 30904	2j8u	6avg 0.871657651
## 30905	2jcc	6avg 0.872599743
## 30906	2uwe	6avg 0.871223621
## 30907	2wbj	6avg 0.994549187
## 30908	3gjf	6avg 0.806079213
## 30909	3hae	6avg 0.888159545
## 30910	3nfj	6avg 0.860125949
## 30911	3o6f	6avg 0.737410315
## 30912	3p16	6avg 1.109815769
## 30913	3t0e	6avg 0.946063215
## 30914	4euq	6avg 0.782238438
## 30915	4grl	6avg 1.052717470

## 30916	4h1l	6avg 1.165462312
## 30917	4may	6avg 0.935325153
## 30918	4p4k	6avg 0.829660236
## 30919	4qrr	6avg 0.974023971
## 30920	4wuu	6avg 0.905370280
## 30921	4zez	6avg 1.034881159
## 30922	5brz	6avg 2.139739706
## 30923	5bs0	6avg 2.688301888
## 30924	5c07	6avg 1.063564362
## 30925	5c08	6avg 0.879082386
## 30926	5c09	6avg 0.736197120
## 30927	5c0a	6avg 1.102379409
## 30928	5c0b	6avg 0.881543445
## 30929	5c0c	6avg 1.192561304
## 30930	5e6i	6avg 0.988053052
## 30931	5e9d	6avg 0.756747656
## 30932	5eu6	6avg 1.070586631
## 30933	5euo	6avg 5.387826365
## 30934	5hhm	6avg 1.229122851
## 30935	5hho	6avg 0.930291872
## 30936	5hyj	6avg 0.976165715
## 30937	5isz	6avg 1.161326399
## 30938	5jhd	6avg 1.283056443
## 30939	5jzi	6avg 1.034517796
## 30940	5ks9	6avg 0.921449316
## 30941	5ksa	6avg 0.870683764
## 30942	5ksb	6avg 0.690338440
## 30943	5men	6avg 0.948307400
## 30944	5nht	6avg 0.918625567
## 30945	5nme	6avg 1.227339630
## 30946	5nmf	6avg 1.102831812
## 30947	5nmg	6avg 0.927502239
## 30948	5nqk	6avg 0.914329776
## 30949	5tez	6avg 2.862135673
## 30950	5w1v	6avg 2.396104666
## 30951	5w1w	6avg 2.572538700
## 30952	5wkf	6avg 0.551712523
## 30953	5wkh	6avg 0.806187197
## 30954	5xot	6avg 0.837615396
## 30955	5xov	6avg 0.860125949
## 30956	5yxn	6avg 0.782480268
## 30957	5yxu	6avg 0.781486331
## 30958	6am5	6avg 0.753142471
## 30959	6amu	6avg 0.864928500
## 30960	6avf	6avg 1.350745241
## 30961	6avg	6avg 0.000000000
## 30962	6bj2	6avg 1.193897552
## 30963	6bj3	6avg 1.048764892
## 30964	6bj8	6avg 1.052124346
## 30965	6cql	6avg 1.016441371
## 30966	6cqn	6avg 2.448278566
## 30967	6cqq	6avg 1.348797724
## 30968	6cqr	6avg 0.821961392
## 30969	6d78	6avg 0.756214559

## 30970	6dfx	6avg 2.466884274
## 30971	6dkp	6avg 0.756760145
## 30972	6dxf	6avg 1.885080287
## 30973	6eqa	6avg 1.104776413
## 30974	6eqb	6avg 1.105498284
## 30975	6mtm	6avg 0.870553998
## 30976	6p64	6avg 2.338365883
## 30977	6px6	6avg 0.890367263
## 30978	6py2	6avg 1.130882432
## 30979	6q3s	6avg 0.926436236
## 30980	6r2l	6avg 1.175987690
## 30981	6rp9	6avg 0.910120460
## 30982	6rpa	6avg 0.836838349
## 30983	6rpb	6avg 0.942715952
## 30984	6rsy	6avg 0.694818108
## 30985	6tmo	6avg 1.149647637
## 30986	6tro	6avg 1.295649298
## 30987	6u3n	6avg 0.982387043
## 30988	6u3o	6avg 1.469194071
## 30989	6uon	6avg 1.029925377
## 30990	6vm7	6avg 0.720065904
## 30991	6vm8	6avg 0.804676140
## 30992	6vma	6avg 0.948929822
## 30993	6vmc	6avg 1.330128436
## 30994	6vmx	6avg 0.588007388
## 30995	6vqo	6avg 0.732478333
## 30996	6vrm	6avg 1.764186812
## 30997	6vrn	6avg 0.869530264
## 30998	7n1e	6avg 1.125328888
## 30999	7n1f	6avg 1.071925816
## 31000	7n6e	6avg 0.816409354
## 31001	6xc9	6avg 0.872926196
## 31002	6xco	6avg 1.004292114
## 31003	6xcp	6avg 2.651152584
## 31004	6zkw	6avg 0.766465083
## 31005	6zky	6avg 0.868763380
## 31006	6zky	6avg 0.767024051
## 31007	6zkz	6avg 0.761436651
## 31008	7dzm	6avg 1.483319650
## 31009	7dzn	6avg 1.067773593
## 31010	7rm4	6avg 0.915731101
## 31011	7rtr	6avg 1.073561658
## 31012	7l1d	6avg 0.835326178
## 31013	7sg0	6avg 1.132387044
## 31014	7sg1	6avg 0.930788763
## 31015	7sg2	6avg 0.916522674
## 31016	7rrg	6avg 1.032088206
## 31017	7n2s	6avg 0.996035377
## 31018	7n2n	6avg 0.983185323
## 31019	7n2o	6avg 1.021954659
## 31020	7n2r	6avg 0.889058174
## 31021	7n2p	6avg 0.950170006
## 31022	7n2q	6avg 0.884229798
## 31023	8cx4	6avg 0.936239564

## 31024	8VCX	6avg 2.229951032
## 31025	8VCY	6avg 1.056556422
## 31026	8VD0	6avg 0.748094298
## 31027	8VD2	6avg 0.954936285
## 31028	6XCP	6avg 2.651083112
## 31029	6XC0	6avg 1.004310765
## 31030	6XC9	6avg 0.873248219
## 31031	1ao7	6bj2 2.020140940
## 31032	1bd2	6bj2 1.615220707
## 31033	1fyf	6bj2 1.760914902
## 31034	1j8h	6bj2 2.053463627
## 31035	1mi5	6bj2 1.938748114
## 31036	1oga	6bj2 1.694442949
## 31037	1qrn	6bj2 1.955558968
## 31038	1qse	6bj2 1.965827691
## 31039	1qsf	6bj2 1.949733297
## 31040	1zgl	6bj2 1.176434334
## 31041	2ak4	6bj2 1.040509973
## 31042	2bnq	6bj2 1.724124847
## 31043	2bnr	6bj2 1.661738443
## 31044	2esv	6bj2 1.910744977
## 31045	2f53	6bj2 1.512805679
## 31046	2f54	6bj2 1.448152044
## 31047	2gj6	6bj2 2.018020952
## 31048	2iam	6bj2 3.669521658
## 31049	2ian	6bj2 1.133846782
## 31050	2nx5	6bj2 0.910932053
## 31051	2p5e	6bj2 1.510991478
## 31052	2p5w	6bj2 1.512181009
## 31053	2pye	6bj2 1.494966716
## 31054	2vlj	6bj2 1.591594818
## 31055	2vlk	6bj2 2.488673705
## 31056	2vlr	6bj2 1.253201125
## 31057	2xn9	6bj2 1.571903098
## 31058	2yp1	6bj2 1.711521715
## 31059	3d39	6bj2 1.741015779
## 31060	3d3v	6bj2 1.682227560
## 31061	3dxa	6bj2 1.238309333
## 31062	3ffc	6bj2 1.715054788
## 31063	3gsn	6bj2 1.659257767
## 31064	3h9s	6bj2 1.739821389
## 31065	3hg1	6bj2 1.708857515
## 31066	3kpr	6bj2 1.058538653
## 31067	3kps	6bj2 1.520802422
## 31068	3kxf	6bj2 1.081722966
## 31069	3mv7	6bj2 1.728984857
## 31070	3mv8	6bj2 1.791750651
## 31071	3mv9	6bj2 1.859751137
## 31072	3o41	6bj2 1.788249259
## 31073	3pwp	6bj2 1.741652975
## 31074	3qdg	6bj2 1.882294378
## 31075	3qdj	6bj2 1.882782883
## 31076	3qdm	6bj2 2.230256518
## 31077	3qeq	6bj2 1.701269080

## 31078	3qfj	6bj2 1.676705818
## 31079	3sjv	6bj2 1.011182066
## 31080	3uts	6bj2 1.621617169
## 31081	3utt	6bj2 1.653786436
## 31082	3vxm	6bj2 1.481735617
## 31083	3vxx	6bj2 1.829922578
## 31084	3vxs	6bj2 1.485655642
## 31085	4c56	6bj2 1.116581118
## 31086	4e41	6bj2 4.326313380
## 31087	4eup	6bj2 1.227899930
## 31088	4ftv	6bj2 1.601090286
## 31089	4g8g	6bj2 1.881997195
## 31090	4g9f	6bj2 1.751399343
## 31091	4gg6	6bj2 1.620568886
## 31092	4jfd	6bj2 1.708820480
## 31093	4jfe	6bj2 1.708388863
## 31094	4jff	6bj2 1.708617706
## 31095	4jrx	6bj2 1.492855633
## 31096	4jry	6bj2 1.652200486
## 31097	4l3e	6bj2 1.715827377
## 31098	4mji	6bj2 2.482668892
## 31099	4mnq	6bj2 1.761828290
## 31100	4ozf	6bj2 1.871376808
## 31101	4ozg	6bj2 3.429560649
## 31102	4ozh	6bj2 2.371447734
## 31103	4ozi	6bj2 3.464400622
## 31104	4prh	6bj2 1.723060382
## 31105	4pri	6bj2 1.756757616
## 31106	4prp	6bj2 1.676335897
## 31107	4qok	6bj2 1.903786531
## 31108	4qrp	6bj2 1.300040348
## 31109	4y19	6bj2 1.922957391
## 31110	4y1a	6bj2 1.735152319
## 31111	4z7u	6bj2 1.964203771
## 31112	4z7v	6bj2 1.672447400
## 31113	4z7w	6bj2 1.249969146
## 31114	5d2l	6bj2 1.265775158
## 31115	5d2n	6bj2 1.138827395
## 31116	1lp9	6bj2 1.362410595
## 31117	1ymm	6bj2 2.039714427
## 31118	2j8u	6bj2 1.362880381
## 31119	2jcc	6bj2 1.362342347
## 31120	2uwe	6bj2 1.362433071
## 31121	2wbj	6bj2 1.347888492
## 31122	3gjf	6bj2 1.301699465
## 31123	3hae	6bj2 1.100923008
## 31124	3nfj	6bj2 1.350176294
## 31125	3o6f	6bj2 1.094614493
## 31126	3pl6	6bj2 1.998195741
## 31127	3t0e	6bj2 1.636716405
## 31128	4euq	6bj2 1.766650305
## 31129	4grl	6bj2 1.720353479
## 31130	4h1l	6bj2 1.764654434
## 31131	4may	6bj2 1.746627427

## 31132	4p4k	6bj2 1.089209459
## 31133	4qrr	6bj2 1.796122152
## 31134	4wuu	6bj2 1.687469375
## 31135	4zez	6bj2 1.629611205
## 31136	5brz	6bj2 2.562618807
## 31137	5bs0	6bj2 3.207055272
## 31138	5c07	6bj2 1.315914384
## 31139	5c08	6bj2 1.536686244
## 31140	5c09	6bj2 1.660074776
## 31141	5c0a	6bj2 0.871646271
## 31142	5c0b	6bj2 1.347078311
## 31143	5c0c	6bj2 1.652189789
## 31144	5e6i	6bj2 1.290642742
## 31145	5e9d	6bj2 1.156934877
## 31146	5eu6	6bj2 1.919194778
## 31147	5euo	6bj2 7.279374719
## 31148	5hhm	6bj2 1.563266453
## 31149	5hho	6bj2 1.680189109
## 31150	5hyj	6bj2 1.264519451
## 31151	5isz	6bj2 1.804976546
## 31152	5jhd	6bj2 1.881613890
## 31153	5jzi	6bj2 1.629187341
## 31154	5ks9	6bj2 1.694289992
## 31155	5ksa	6bj2 1.713965098
## 31156	5ksb	6bj2 1.238271703
## 31157	5men	6bj2 1.761129329
## 31158	5nht	6bj2 1.667624982
## 31159	5nme	6bj2 1.741923107
## 31160	5nmf	6bj2 1.522471970
## 31161	5nmg	6bj2 1.391455383
## 31162	5nqk	6bj2 1.670932286
## 31163	5tez	6bj2 3.494575862
## 31164	5w1v	6bj2 3.004617520
## 31165	5w1w	6bj2 3.481500785
## 31166	5wkf	6bj2 0.994462899
## 31167	5wkh	6bj2 1.309858097
## 31168	5xot	6bj2 1.699873305
## 31169	5xov	6bj2 1.350176294
## 31170	5yxn	6bj2 1.677738346
## 31171	5yxu	6bj2 1.047125760
## 31172	6am5	6bj2 1.725398314
## 31173	6amu	6bj2 1.730405737
## 31174	6avf	6bj2 2.273671131
## 31175	6avg	6bj2 1.193897552
## 31176	6bj2	6bj2 0.000000000
## 31177	6bj3	6bj2 1.807365990
## 31178	6bj8	6bj2 1.812081612
## 31179	6cql	6bj2 1.879623512
## 31180	6cqn	6bj2 3.339320050
## 31181	6cqq	6bj2 1.593547631
## 31182	6cqr	6bj2 1.400235615
## 31183	6d78	6bj2 1.733070614
## 31184	6dfx	6bj2 3.363684928
## 31185	6dkp	6bj2 1.720617374

## 31186	6dxf	6bj2 2.440688678
## 31187	6eqa	6bj2 1.712661189
## 31188	6eqb	6bj2 1.708741542
## 31189	6mtm	6bj2 1.760236600
## 31190	6p64	6bj2 3.019926612
## 31191	6px6	6bj2 1.635942617
## 31192	6py2	6bj2 1.763383520
## 31193	6q3s	6bj2 1.878978312
## 31194	6r2l	6bj2 1.718173954
## 31195	6rp9	6bj2 1.210281184
## 31196	6rpa	6bj2 1.641481583
## 31197	6rpb	6bj2 1.137471106
## 31198	6rsy	6bj2 1.145903131
## 31199	6tmo	6bj2 1.630549955
## 31200	6tro	6bj2 2.064303735
## 31201	6u3n	6bj2 1.702323110
## 31202	6u3o	6bj2 2.042279084
## 31203	6uon	6bj2 1.400129948
## 31204	6vm7	6bj2 1.515875642
## 31205	6vm8	6bj2 1.690177323
## 31206	6vma	6bj2 1.784457111
## 31207	6vmc	6bj2 1.931993040
## 31208	6vmx	6bj2 1.257649400
## 31209	6vqo	6bj2 1.280043628
## 31210	6vrm	6bj2 2.061873150
## 31211	6vrn	6bj2 1.831833848
## 31212	7n1e	6bj2 1.600751906
## 31213	7n1f	6bj2 1.866600784
## 31214	7n6e	6bj2 1.228474458
## 31215	6xc9	6bj2 1.068897742
## 31216	6xco	6bj2 1.807442455
## 31217	6xcp	6bj2 3.389125896
## 31218	6zkw	6bj2 1.596274248
## 31219	6zky	6bj2 1.742703581
## 31220	6zky	6bj2 1.596250427
## 31221	6zkz	6bj2 1.632897265
## 31222	7dzm	6bj2 2.181448203
## 31223	7dzn	6bj2 1.814119901
## 31224	7rm4	6bj2 1.233874353
## 31225	7rtr	6bj2 1.589662937
## 31226	7l1d	6bj2 1.897523484
## 31227	7sg0	6bj2 1.981862191
## 31228	7sg1	6bj2 1.447147585
## 31229	7sg2	6bj2 1.436350799
## 31230	7rrg	6bj2 1.716236944
## 31231	7n2s	6bj2 1.742750032
## 31232	7n2n	6bj2 1.728821314
## 31233	7n2o	6bj2 1.519674069
## 31234	7n2r	6bj2 1.267845530
## 31235	7n2p	6bj2 1.681239463
## 31236	7n2q	6bj2 1.448536905
## 31237	8cx4	6bj2 1.498452308
## 31238	8VCX	6bj2 3.087241561
## 31239	8VCY	6bj2 1.732244117

## 31240	8VD0	6bj2 1.295244522
## 31241	8VD2	6bj2 1.798818133
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## 31243	6XC0	6bj2 1.807494755
## 31244	6XC9	6bj2 1.068003578
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## 31246	1bd2	6bj3 0.752016361
## 31247	1fyf	6bj3 1.165333041
## 31248	1j8h	6bj3 1.681823875
## 31249	1mi5	6bj3 1.200912912
## 31250	1oga	6bj3 1.119853751
## 31251	1qrn	6bj3 1.614992045
## 31252	1qse	6bj3 1.960939097
## 31253	1qsf	6bj3 1.606538552
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## 31256	2bnq	6bj3 1.539021211
## 31257	2bnr	6bj3 1.367185487
## 31258	2esv	6bj3 1.465446955
## 31259	2f53	6bj3 0.999594847
## 31260	2f54	6bj3 1.597034364
## 31261	2gj6	6bj3 1.760955567
## 31262	2iam	6bj3 2.957334404
## 31263	2ian	6bj3 0.897636315
## 31264	2nx5	6bj3 0.853894961
## 31265	2p5e	6bj3 0.991372983
## 31266	2p5w	6bj3 0.993835397
## 31267	2pye	6bj3 0.802920326
## 31268	2vlj	6bj3 1.396362238
## 31269	2vlk	6bj3 2.166646904
## 31270	2vlr	6bj3 1.046163807
## 31271	2xn9	6bj3 1.173449379
## 31272	2yp1	6bj3 1.462696316
## 31273	3d39	6bj3 1.107251606
## 31274	3d3v	6bj3 1.159481444
## 31275	3dxa	6bj3 0.966591316
## 31276	3ffc	6bj3 0.943061379
## 31277	3gsn	6bj3 1.209432262
## 31278	3h9s	6bj3 1.103322058
## 31279	3hg1	6bj3 1.264862745
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## 31281	3kps	6bj3 0.865869825
## 31282	3kxf	6bj3 0.868398655
## 31283	3mv7	6bj3 1.349693834
## 31284	3mv8	6bj3 0.908973712
## 31285	3mv9	6bj3 1.611751737
## 31286	3o41	6bj3 0.999063105
## 31287	3pwp	6bj3 1.108388663
## 31288	3qdg	6bj3 1.928252987
## 31289	3qdj	6bj3 1.928472222
## 31290	3qdm	6bj3 2.401621251
## 31291	3qeq	6bj3 1.266300700
## 31292	3qfj	6bj3 1.326873609
## 31293	3sjv	6bj3 1.072591901

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## 31300	4e41	6bj3 4.439418004
## 31301	4eup	6bj3 1.089819901
## 31302	4ftv	6bj3 0.783005710
## 31303	4g8g	6bj3 0.798624519
## 31304	4g9f	6bj3 1.199088743
## 31305	4gg6	6bj3 0.735095939
## 31306	4jfd	6bj3 1.275561791
## 31307	4jfe	6bj3 1.274105929
## 31308	4jff	6bj3 1.273501366
## 31309	4jrx	6bj3 0.903052897
## 31310	4jry	6bj3 1.137865538
## 31311	4l3e	6bj3 1.174223119
## 31312	4mji	6bj3 1.791150653
## 31313	4mnq	6bj3 1.123771185
## 31314	4ozf	6bj3 1.340645003
## 31315	4ozg	6bj3 3.628496198
## 31316	4ozh	6bj3 2.507658964
## 31317	4ozi	6bj3 3.598261037
## 31318	4prh	6bj3 0.827719201
## 31319	4pri	6bj3 0.465841605
## 31320	4prp	6bj3 0.811685953
## 31321	4qok	6bj3 1.325944160
## 31322	4qrp	6bj3 1.062965595
## 31323	4y19	6bj3 1.257528280
## 31324	4y1a	6bj3 1.088813024
## 31325	4z7u	6bj3 1.889602829
## 31326	4z7v	6bj3 1.182051160
## 31327	4z7w	6bj3 0.826479720
## 31328	5d2l	6bj3 1.004736053
## 31329	5d2n	6bj3 1.031566601
## 31330	1lp9	6bj3 0.737508827
## 31331	1ymm	6bj3 1.004499909
## 31332	2j8u	6bj3 0.739943876
## 31333	2jcc	6bj3 0.740892288
## 31334	2uwe	6bj3 0.738649317
## 31335	2wbj	6bj3 1.049502523
## 31336	3gjf	6bj3 0.944968194
## 31337	3hae	6bj3 1.180519890
## 31338	3nfj	6bj3 0.978141850
## 31339	3o6f	6bj3 1.009618673
## 31340	3p16	6bj3 1.137868165
## 31341	3t0e	6bj3 0.760048760
## 31342	4euq	6bj3 0.982542130
## 31343	4grl	6bj3 1.069754457
## 31344	4h1l	6bj3 1.070192557
## 31345	4may	6bj3 0.582783406
## 31346	4p4k	6bj3 0.898063389
## 31347	4qrr	6bj3 0.650677146

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## 31349	4zez	6bj3 1.052262139
## 31350	5brz	6bj3 2.802710956
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## 31352	5c07	6bj3 1.192965884
## 31353	5c08	6bj3 1.297980437
## 31354	5c09	6bj3 1.027413182
## 31355	5c0a	6bj3 1.424464781
## 31356	5c0b	6bj3 0.807100293
## 31357	5c0c	6bj3 1.645497943
## 31358	5e6i	6bj3 1.370199924
## 31359	5e9d	6bj3 1.097479539
## 31360	5eu6	6bj3 1.046778597
## 31361	5euo	6bj3 7.555800895
## 31362	5hhm	6bj3 1.475931581
## 31363	5hho	6bj3 0.941985181
## 31364	5hyj	6bj3 1.273140903
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## 31366	5jhd	6bj3 1.237518536
## 31367	5jzi	6bj3 1.051293707
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## 31369	5ksa	6bj3 0.921017664
## 31370	5ksb	6bj3 0.646221673
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## 31372	5nht	6bj3 1.397143464
## 31373	5nme	6bj3 1.481214991
## 31374	5nmf	6bj3 1.211631957
## 31375	5nmg	6bj3 0.933737362
## 31376	5nqk	6bj3 1.404263325
## 31377	5tez	6bj3 4.016118896
## 31378	5w1v	6bj3 3.201677532
## 31379	5w1w	6bj3 3.339038100
## 31380	5wkf	6bj3 0.735968360
## 31381	5wkh	6bj3 0.783329221
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## 31383	5xov	6bj3 0.978141850
## 31384	5yxn	6bj3 0.988402926
## 31385	5yxu	6bj3 1.220619957
## 31386	6am5	6bj3 1.175599966
## 31387	6amu	6bj3 0.946298711
## 31388	6avf	6bj3 1.758878574
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## 31392	6bj8	6bj3 0.093060300
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## 31394	6cqn	6bj3 2.531675572
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## 31396	6cqr	6bj3 0.669052840
## 31397	6d78	6bj3 1.163858144
## 31398	6dfx	6bj3 3.384365428
## 31399	6dkp	6bj3 1.155092870
## 31400	6dxf	6bj3 2.609406365
## 31401	6eqa	6bj3 1.268086513

## 31402	6eqb	6bj3 1.271997293
## 31403	6mtm	6bj3 1.034559186
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## 31405	6px6	6bj3 0.883303119
## 31406	6py2	6bj3 0.952528575
## 31407	6q3s	6bj3 1.167265441
## 31408	6r2l	6bj3 0.957889419
## 31409	6rp9	6bj3 0.917910163
## 31410	6rpa	6bj3 1.014488988
## 31411	6rpb	6bj3 1.142550601
## 31412	6rsy	6bj3 1.153701349
## 31413	6tmo	6bj3 1.147967483
## 31414	6tro	6bj3 1.857625644
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## 31416	6u3o	6bj3 2.066968921
## 31417	6uon	6bj3 1.315223155
## 31418	6vm7	6bj3 0.936066532
## 31419	6vm8	6bj3 0.896500054
## 31420	6vma	6bj3 1.435675624
## 31421	6vmc	6bj3 1.521316700
## 31422	6vmx	6bj3 1.066761417
## 31423	6vqo	6bj3 1.103081169
## 31424	6vrm	6bj3 2.079496950
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## 31426	7n1e	6bj3 0.959807033
## 31427	7n1f	6bj3 1.002212836
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## 31429	6xc9	6bj3 1.080916529
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## 31431	6xcp	6bj3 2.920393924
## 31432	6zkw	6bj3 1.003960524
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## 31435	6zkz	6bj3 1.129402865
## 31436	7dzm	6bj3 1.412544690
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## 31438	7rm4	6bj3 1.303972891
## 31439	7rtr	6bj3 1.161835550
## 31440	7l1d	6bj3 1.263074542
## 31441	7sg0	6bj3 1.911508798
## 31442	7sg1	6bj3 0.920855771
## 31443	7sg2	6bj3 0.924444397
## 31444	7rrg	6bj3 1.374030859
## 31445	7n2s	6bj3 1.310676826
## 31446	7n2n	6bj3 1.330553128
## 31447	7n2o	6bj3 1.047752779
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## 31449	7n2p	6bj3 1.072315771
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## 31458	6XC9	6bj3 1.079809189
## 31459	1ao7	6bj8 1.572114935
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## 31464	1oga	6bj8 1.123572173
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## 31468	1zgl	6bj8 1.137441039
## 31469	2ak4	6bj8 0.731092944
## 31470	2bnq	6bj8 1.541956337
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## 31473	2f53	6bj8 1.000633913
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## 31476	2iam	6bj8 2.960766684
## 31477	2ian	6bj8 0.899530482
## 31478	2nx5	6bj8 0.855914687
## 31479	2p5e	6bj8 0.992392240
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## 31481	2pye	6bj8 0.805768836
## 31482	2vlj	6bj8 1.404598873
## 31483	2vlk	6bj8 2.165913129
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## 31487	3d39	6bj8 1.110648229
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## 31490	3ffc	6bj8 0.943034828
## 31491	3gsn	6bj8 1.215129578
## 31492	3h9s	6bj8 1.106706758
## 31493	3hg1	6bj8 1.268604354
## 31494	3kpr	6bj8 0.893607357
## 31495	3kps	6bj8 0.871074768
## 31496	3kxf	6bj8 0.870407207
## 31497	3mv7	6bj8 1.352895385
## 31498	3mv8	6bj8 0.909624727
## 31499	3mv9	6bj8 1.613447647
## 31500	3o41	6bj8 0.997861004
## 31501	3pwp	6bj8 1.111804460
## 31502	3qdg	6bj8 1.931355057
## 31503	3qdj	6bj8 1.931557338
## 31504	3qdm	6bj8 2.409748976
## 31505	3qeq	6bj8 1.271363507
## 31506	3qfj	6bj8 1.332226404
## 31507	3sjv	6bj8 1.075619832
## 31508	3uts	6bj8 1.368556501
## 31509	3utt	6bj8 1.019473400

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## 31511	3vxr	6bj8 0.730406379
## 31512	3vxs	6bj8 1.030075294
## 31513	4c56	6bj8 0.855178907
## 31514	4e41	6bj8 4.448897902
## 31515	4eup	6bj8 1.092978879
## 31516	4ftv	6bj8 0.782984710
## 31517	4g8g	6bj8 0.803650414
## 31518	4g9f	6bj8 1.199287958
## 31519	4gg6	6bj8 0.738146425
## 31520	4jfd	6bj8 1.279020720
## 31521	4jfe	6bj8 1.277586630
## 31522	4jff	6bj8 1.276944699
## 31523	4jrx	6bj8 0.907108315
## 31524	4jry	6bj8 1.146983806
## 31525	4l3e	6bj8 1.177350839
## 31526	4mji	6bj8 1.793851537
## 31527	4mnq	6bj8 1.122726871
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## 31529	4ozg	6bj8 3.636988410
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## 31532	4prh	6bj8 0.828045512
## 31533	4pri	6bj8 0.463145369
## 31534	4prp	6bj8 0.812695682
## 31535	4qok	6bj8 1.324187542
## 31536	4qrp	6bj8 1.065295265
## 31537	4y19	6bj8 1.264794268
## 31538	4y1a	6bj8 1.088066254
## 31539	4z7u	6bj8 1.892845002
## 31540	4z7v	6bj8 1.185205968
## 31541	4z7w	6bj8 0.827673364
## 31542	5d2l	6bj8 1.004968182
## 31543	5d2n	6bj8 1.034137937
## 31544	1lp9	6bj8 0.736171873
## 31545	1ymm	6bj8 1.006957146
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## 31548	2uwe	6bj8 0.737328534
## 31549	2wbj	6bj8 1.052416779
## 31550	3gjf	6bj8 0.949408706
## 31551	3hae	6bj8 1.183750938
## 31552	3nfj	6bj8 0.981482119
## 31553	3o6f	6bj8 1.011820901
## 31554	3p16	6bj8 1.137478600
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## 31560	4p4k	6bj8 0.899616713
## 31561	4qrr	6bj8 0.651743082
## 31562	4wuu	6bj8 1.402482957
## 31563	4zez	6bj8 1.055712796

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## 31569	5c0a	6bj8 1.427648867
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## 31572	5e6i	6bj8 1.373081246
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## 31575	5euo	6bj8 7.574032930
## 31576	5hhm	6bj8 1.475838002
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## 31578	5hyj	6bj8 1.276941385
## 31579	5isz	6bj8 1.781219021
## 31580	5jhd	6bj8 1.239302519
## 31581	5jzi	6bj8 1.054755859
## 31582	5ks9	6bj8 1.213631753
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## 31584	5ksb	6bj8 0.650172202
## 31585	5men	6bj8 1.124997026
## 31586	5nht	6bj8 1.403665477
## 31587	5nme	6bj8 1.481621714
## 31588	5nmf	6bj8 1.214420130
## 31589	5nmg	6bj8 0.935244239
## 31590	5nqk	6bj8 1.410821785
## 31591	5tez	6bj8 4.026915827
## 31592	5w1v	6bj8 3.209334687
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## 31599	5yxu	6bj8 1.225777483
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## 31601	6amu	6bj8 0.948064493
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## 31604	6bj2	6bj8 1.812081612
## 31605	6bj3	6bj8 0.093060300
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## 31608	6cqn	6bj8 2.534364465
## 31609	6cqq	6bj8 1.994062884
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## 31613	6dkp	6bj8 1.158145059
## 31614	6dxf	6bj8 2.614736412
## 31615	6eqa	6bj8 1.271842809
## 31616	6eqb	6bj8 1.275485712
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## 31624	6rpa	6bj8 1.020365466
## 31625	6rpb	6bj8 1.145120205
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## 31627	6tmo	6bj8 1.149341467
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## 31630	6u3o	6bj8 2.074443984
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## 31633	6vm8	6bj8 0.900114065
## 31634	6vma	6bj8 1.434907719
## 31635	6vmc	6bj8 1.524552246
## 31636	6vmx	6bj8 1.070531773
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## 31656	7sg1	6bj8 0.926229767
## 31657	7sg2	6bj8 0.929236924
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## 31712	3mv8	6cql 0.653964154
## 31713	3mv9	6cql 1.441790717
## 31714	3o41	6cql 0.889686868
## 31715	3pwp	6cql 0.794990543
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## 31717	3qdj	6cql 1.709118193
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## 31725	3vxr	6cql 0.737148227

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## 31750	4qrp	6cql 0.997071787
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## 31752	4y1a	6cql 0.902362601
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## 31762	2uwe	6cql 0.777047153
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## 31765	3hae	6cql 1.179336765
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## 31975	2jcc	6cqn 1.806122863
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## 31978	3gjf	6cqn 2.118592695
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## 32025	5xov	6cqn 2.065629372
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## 32027	5yxu	6cqn 2.476934982
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## 32030	6avf	6cqn 3.415458360
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## 32032	6bj2	6cqn 3.339320050
## 32033	6bj3	6cqn 2.531675572
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## 32035	6cql	6cqn 2.463699492
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## 32044	6eqb	6cqn 2.843453011
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## 32054	6rsy	6cqn 2.330729496
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## 32058	6u3o	6cqn 2.872788125
## 32059	6uon	6cqn 2.153138272
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## 32085	7sg2	6cqn 2.135775381
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## 32447	5tez	6cqr 2.626881094
## 32448	5w1v	6cqr 2.247001291
## 32449	5w1w	6cqr 2.331087622
## 32450	5wkf	6cqr 0.638548285
## 32451	5wkh	6cqr 0.675064372
## 32452	5xot	6cqr 0.758316312
## 32453	5xov	6cqr 0.703952271
## 32454	5yxn	6cqr 0.856235277
## 32455	5yxu	6cqr 0.881661469
## 32456	6am5	6cqr 0.982710622
## 32457	6amu	6cqr 0.850490350
## 32458	6avf	6cqr 1.288026307
## 32459	6avg	6cqr 0.821961392
## 32460	6bj2	6cqr 1.400235615
## 32461	6bj3	6cqr 0.669052840
## 32462	6bj8	6cqr 0.672033382
## 32463	6cql	6cqr 0.820521462
## 32464	6cqn	6cqr 1.758806059
## 32465	6cqq	6cqr 1.288102762
## 32466	6cqr	6cqr 0.000000000
## 32467	6d78	6cqr 0.978862617
## 32468	6dfx	6cqr 2.361136876
## 32469	6dkp	6cqr 0.968840062
## 32470	6dxl	6cqr 1.680755808
## 32471	6eqa	6cqr 0.894904326
## 32472	6eqb	6cqr 0.894897845
## 32473	6mtm	6cqr 0.871549191
## 32474	6p64	6cqr 2.095819834
## 32475	6px6	6cqr 0.789301251
## 32476	6py2	6cqr 0.779598420
## 32477	6q3s	6cqr 0.954875814
## 32478	6r2l	6cqr 0.741016777
## 32479	6rp9	6cqr 0.836906214
## 32480	6rpa	6cqr 0.857253634
## 32481	6rpb	6cqr 0.765896110

## 32482	6rsy	6cqr 0.831836673
## 32483	6tmo	6cqr 0.827219512
## 32484	6tro	6cqr 1.338567528
## 32485	6u3n	6cqr 0.720184956
## 32486	6u3o	6cqr 1.412692148
## 32487	6uon	6cqr 0.961079206
## 32488	6vm7	6cqr 0.823603350
## 32489	6vm8	6cqr 0.789092968
## 32490	6vma	6cqr 1.083132261
## 32491	6vmc	6cqr 1.221399825
## 32492	6vmx	6cqr 0.761370971
## 32493	6vqo	6cqr 0.835427570
## 32494	6vrm	6cqr 1.298819079
## 32495	6vrn	6cqr 0.877170113
## 32496	7n1e	6cqr 0.698377788
## 32497	7n1f	6cqr 0.773831958
## 32498	7n6e	6cqr 0.698729584
## 32499	6xc9	6cqr 0.749745012
## 32500	6xco	6cqr 0.663374180
## 32501	6xcp	6cqr 1.911989433
## 32502	6zkw	6cqr 0.858578380
## 32503	6zkk	6cqr 0.955187055
## 32504	6zky	6cqr 0.857050805
## 32505	6zkz	6cqr 0.946346348
## 32506	7dzm	6cqr 1.054082655
## 32507	7dzn	6cqr 0.924138348
## 32508	7rm4	6cqr 0.944158572
## 32509	7rtr	6cqr 0.833451298
## 32510	7l1d	6cqr 1.049227101
## 32511	7sg0	6cqr 1.368428321
## 32512	7sg1	6cqr 0.710720050
## 32513	7sg2	6cqr 0.710870094
## 32514	7rrg	6cqr 0.980998190
## 32515	7n2s	6cqr 0.958878694
## 32516	7n2n	6cqr 0.969067390
## 32517	7n2o	6cqr 0.783698196
## 32518	7n2r	6cqr 0.897429652
## 32519	7n2p	6cqr 0.816168051
## 32520	7n2q	6cqr 0.821612640
## 32521	8cx4	6cqr 0.712188015
## 32522	8VCX	6cqr 1.830713482
## 32523	8VCY	6cqr 0.802030204
## 32524	8VD0	6cqr 0.651145870
## 32525	8VD2	6cqr 1.104339492
## 32526	6XCP	6cqr 1.911394921
## 32527	6XC0	6cqr 0.664313658
## 32528	6XC9	6cqr 0.749572855
## 32529	1ao7	6d78 1.541258760
## 32530	1bd2	6d78 1.147328843
## 32531	1fyt	6d78 1.270714405
## 32532	1j8h	6d78 1.455379616
## 32533	1mi5	6d78 1.117332200
## 32534	1oga	6d78 0.979723530
## 32535	1qrn	6d78 1.545122574

## 32536	1qse	6d78 1.453071665
## 32537	1qsf	6d78 1.536718928
## 32538	1zgl	6d78 1.017375113
## 32539	2ak4	6d78 0.837494923
## 32540	2bnq	6d78 0.858283612
## 32541	2bnr	6d78 0.583355228
## 32542	2esv	6d78 1.451234601
## 32543	2f53	6d78 0.965293737
## 32544	2f54	6d78 1.495503667
## 32545	2gj6	6d78 1.350158138
## 32546	2iam	6d78 3.535932992
## 32547	2ian	6d78 0.831445290
## 32548	2nx5	6d78 0.826865725
## 32549	2p5e	6d78 0.957222294
## 32550	2p5w	6d78 0.961296332
## 32551	2pye	6d78 0.832778796
## 32552	2vlj	6d78 1.293832509
## 32553	2vlk	6d78 2.248537819
## 32554	2vlr	6d78 1.077496822
## 32555	2xn9	6d78 0.770470475
## 32556	2yp1	6d78 0.734205599
## 32557	3d39	6d78 0.943493732
## 32558	3d3v	6d78 1.003172430
## 32559	3dxa	6d78 1.115721265
## 32560	3ffc	6d78 1.108928147
## 32561	3gsn	6d78 0.956547304
## 32562	3h9s	6d78 0.943041934
## 32563	3hg1	6d78 1.130486071
## 32564	3kpr	6d78 0.698744377
## 32565	3kps	6d78 0.819328443
## 32566	3kxf	6d78 0.851095937
## 32567	3mv7	6d78 0.856142823
## 32568	3mv8	6d78 1.065413376
## 32569	3mv9	6d78 1.192891024
## 32570	3o41	6d78 1.279145276
## 32571	3pwp	6d78 0.943411261
## 32572	3qdg	6d78 1.451291556
## 32573	3qdj	6d78 1.451860800
## 32574	3qdm	6d78 2.081433683
## 32575	3qeq	6d78 1.060587165
## 32576	3qfj	6d78 1.096222924
## 32577	3sjv	6d78 1.048337967
## 32578	3uts	6d78 1.280396345
## 32579	3utt	6d78 0.700948556
## 32580	3vxm	6d78 0.909661013
## 32581	3vxr	6d78 0.841491848
## 32582	3vxs	6d78 0.777550813
## 32583	4c56	6d78 0.585078277
## 32584	4e41	6d78 4.395985575
## 32585	4eup	6d78 0.755333883
## 32586	4ftv	6d78 0.704976277
## 32587	4g8g	6d78 1.055192492
## 32588	4g9f	6d78 0.586935481
## 32589	4gg6	6d78 1.192877285

## 32590	4jfd	6d78 1.139484411
## 32591	4jfe	6d78 1.135953835
## 32592	4jff	6d78 1.134667899
## 32593	4jrx	6d78 1.019577536
## 32594	4jry	6d78 0.839556643
## 32595	4l3e	6d78 0.092692675
## 32596	4mji	6d78 1.811014800
## 32597	4mnq	6d78 1.084551171
## 32598	4ozf	6d78 1.219926759
## 32599	4ozg	6d78 3.565728691
## 32600	4ozh	6d78 2.321327741
## 32601	4ozi	6d78 3.515605802
## 32602	4prh	6d78 0.833385320
## 32603	4pri	6d78 1.168744203
## 32604	4prp	6d78 0.823751263
## 32605	4qok	6d78 1.244566311
## 32606	4qrp	6d78 0.755276429
## 32607	4y19	6d78 1.019212691
## 32608	4y1a	6d78 0.707834044
## 32609	4z7u	6d78 1.785464526
## 32610	4z7v	6d78 1.399640453
## 32611	4z7w	6d78 0.858932251
## 32612	5d2l	6d78 1.096547088
## 32613	5d2n	6d78 0.634747182
## 32614	1lp9	6d78 0.912530867
## 32615	lymm	6d78 0.861848317
## 32616	2j8u	6d78 0.913413651
## 32617	2jcc	6d78 0.914693808
## 32618	2uwe	6d78 0.912671970
## 32619	2wbj	6d78 1.089279822
## 32620	3gjf	6d78 0.889639679
## 32621	3hae	6d78 1.145754706
## 32622	3nfj	6d78 0.906147365
## 32623	3o6f	6d78 0.801295488
## 32624	3pl6	6d78 1.155687263
## 32625	3t0e	6d78 1.036256484
## 32626	4euq	6d78 0.906488178
## 32627	4grl	6d78 0.870265548
## 32628	4h1l	6d78 1.343300399
## 32629	4may	6d78 1.048272075
## 32630	4p4k	6d78 0.847916133
## 32631	4qrr	6d78 1.043360952
## 32632	4wuu	6d78 0.722529124
## 32633	4zez	6d78 1.245719223
## 32634	5brz	6d78 2.732036677
## 32635	5bs0	6d78 3.517717509
## 32636	5c07	6d78 1.179173098
## 32637	5c08	6d78 0.860606571
## 32638	5c09	6d78 0.712878419
## 32639	5c0a	6d78 1.519886254
## 32640	5c0b	6d78 1.159836135
## 32641	5c0c	6d78 1.363254710
## 32642	5e6i	6d78 1.284569214
## 32643	5e9d	6d78 0.862592291

## 32644	5eu6	6d78 0.990773305
## 32645	5euo	6d78 7.527897352
## 32646	5hhm	6d78 1.453861419
## 32647	5hho	6d78 0.732359968
## 32648	5hyj	6d78 1.105646589
## 32649	5isz	6d78 1.210083919
## 32650	5jhd	6d78 1.369881600
## 32651	5jzi	6d78 1.244748398
## 32652	5ks9	6d78 1.280226694
## 32653	5ksa	6d78 0.693334277
## 32654	5ksb	6d78 0.771512903
## 32655	5men	6d78 1.082032282
## 32656	5nht	6d78 0.597179680
## 32657	5nme	6d78 1.347596764
## 32658	5nmf	6d78 1.216379397
## 32659	5nmg	6d78 0.794940525
## 32660	5nqk	6d78 0.593042635
## 32661	5tez	6d78 3.780681994
## 32662	5w1v	6d78 3.288613097
## 32663	5w1w	6d78 3.461331130
## 32664	5wkf	6d78 0.760886735
## 32665	5wkh	6d78 0.819432496
## 32666	5xot	6d78 0.902466731
## 32667	5xov	6d78 0.906147365
## 32668	5yxn	6d78 0.705509976
## 32669	5yxu	6d78 0.914264559
## 32670	6am5	6d78 0.113480298
## 32671	6amu	6d78 0.426714271
## 32672	6avf	6d78 1.630336521
## 32673	6avg	6d78 0.756214559
## 32674	6bj2	6d78 1.733070614
## 32675	6bj3	6d78 1.163858144
## 32676	6bj8	6d78 1.166944750
## 32677	6cql	6d78 0.985038970
## 32678	6cqn	6d78 3.155166068
## 32679	6cqq	6d78 1.760864323
## 32680	6cqr	6d78 0.978862617
## 32681	6d78	6d78 0.000000000
## 32682	6dfx	6d78 3.342223531
## 32683	6dkp	6d78 0.101153703
## 32684	6dxf	6d78 2.309960349
## 32685	6eqa	6d78 1.136312407
## 32686	6eqb	6d78 1.135297920
## 32687	6mtm	6d78 0.553600111
## 32688	6p64	6d78 3.104388395
## 32689	6px6	6d78 0.926900052
## 32690	6py2	6d78 1.223548502
## 32691	6q3s	6d78 0.830544070
## 32692	6r2l	6d78 1.220193134
## 32693	6rp9	6d78 1.062943097
## 32694	6rpa	6d78 0.750506846
## 32695	6rpb	6d78 1.143464069
## 32696	6rsy	6d78 0.799641160
## 32697	6tmo	6d78 1.091989969

## 32698	6tro	6d78 1.560726012
## 32699	6u3n	6d78 0.965096764
## 32700	6u3o	6d78 1.942211838
## 32701	6uon	6d78 1.080252799
## 32702	6vm7	6d78 0.566653441
## 32703	6vm8	6d78 0.602416024
## 32704	6vma	6d78 0.977864434
## 32705	6vmc	6d78 1.504267480
## 32706	6vmx	6d78 0.898871068
## 32707	6vqo	6d78 0.839050647
## 32708	6vrm	6d78 2.153247183
## 32709	6vrn	6d78 0.658585659
## 32710	7n1e	6d78 1.187615331
## 32711	7n1f	6d78 1.051605783
## 32712	7n6e	6d78 0.887000947
## 32713	6xc9	6d78 1.035258850
## 32714	6xco	6d78 1.127052620
## 32715	6xcp	6d78 3.426372614
## 32716	6zkw	6d78 0.749980385
## 32717	6zkk	6d78 0.838091189
## 32718	6zky	6d78 0.751116362
## 32719	6zkz	6d78 0.611421629
## 32720	7dzm	6d78 1.686968078
## 32721	7dzn	6d78 1.076166358
## 32722	7rm4	6d78 1.161046622
## 32723	7rtr	6d78 1.150514884
## 32724	7l1d	6d78 0.784158743
## 32725	7sg0	6d78 1.364101475
## 32726	7sg1	6d78 1.118961902
## 32727	7sg2	6d78 1.100735433
## 32728	7rrg	6d78 0.952292824
## 32729	7n2s	6d78 0.849386764
## 32730	7n2n	6d78 0.839799169
## 32731	7n2o	6d78 1.067154483
## 32732	7n2r	6d78 0.914572535
## 32733	7n2p	6d78 0.821309984
## 32734	7n2q	6d78 0.934246310
## 32735	8cx4	6d78 1.012132806
## 32736	8VCX	6d78 2.904771467
## 32737	8VCY	6d78 0.882999206
## 32738	8VD0	6d78 0.876039115
## 32739	8VD2	6d78 1.003897400
## 32740	6XCP	6d78 3.426675086
## 32741	6XC0	6d78 1.126803663
## 32742	6XC9	6d78 1.036095903
## 32743	1ao7	6dfx 3.089950907
## 32744	1bd2	6dfx 3.140509777
## 32745	1fyt	6dfx 2.949528835
## 32746	1j8h	6dfx 2.777901010
## 32747	1mi5	6dfx 2.978326567
## 32748	1oga	6dfx 3.090387122
## 32749	1qrn	6dfx 2.806614290
## 32750	1qse	6dfx 2.761316452
## 32751	1qsf	6dfx 2.809289119

## 32752	1zgl	6dfx 1.781826610
## 32753	2ak4	6dfx 1.756926013
## 32754	2bnq	6dfx 2.977457639
## 32755	2bnr	6dfx 3.152672600
## 32756	2esv	6dfx 2.890019626
## 32757	2f53	6dfx 3.085034540
## 32758	2f54	6dfx 2.248952899
## 32759	2gj6	6dfx 2.781675050
## 32760	2iam	6dfx 3.740908171
## 32761	2ian	6dfx 1.689125388
## 32762	2nx5	6dfx 1.603748714
## 32763	2p5e	6dfx 3.090382823
## 32764	2p5w	6dfx 3.091529479
## 32765	2pye	6dfx 3.273889598
## 32766	2vlj	6dfx 3.192404147
## 32767	2vlk	6dfx 2.690841699
## 32768	2vlr	6dfx 2.147992732
## 32769	2xn9	6dfx 2.782486053
## 32770	2yp1	6dfx 3.169897014
## 32771	3d39	6dfx 3.006767065
## 32772	3d3v	6dfx 3.049476174
## 32773	3dxa	6dfx 2.144737259
## 32774	3ffc	6dfx 2.510550461
## 32775	3gsn	6dfx 3.039226858
## 32776	3h9s	6dfx 3.008054401
## 32777	3hg1	6dfx 2.925506951
## 32778	3kpr	6dfx 2.304224978
## 32779	3kps	6dfx 3.234289143
## 32780	3kxf	6dfx 1.620693103
## 32781	3mv7	6dfx 3.191864498
## 32782	3mv8	6dfx 3.108077194
## 32783	3mv9	6dfx 2.992451740
## 32784	3o4l	6dfx 3.053192802
## 32785	3pwp	6dfx 3.006384365
## 32786	3qdg	6dfx 2.858629543
## 32787	3qdj	6dfx 2.859523277
## 32788	3qdm	6dfx 3.189043590
## 32789	3qeq	6dfx 3.056171880
## 32790	3qfj	6dfx 2.985488506
## 32791	3sjv	6dfx 1.572902395
## 32792	3uts	6dfx 2.004473654
## 32793	3utt	6dfx 2.232363362
## 32794	3vxm	6dfx 3.182950506
## 32795	3vxr	6dfx 3.322707272
## 32796	3vxs	6dfx 3.303694124
## 32797	4c56	6dfx 1.990439805
## 32798	4e41	6dfx 2.545907790
## 32799	4eup	6dfx 2.235331910
## 32800	4ftv	6dfx 3.308309963
## 32801	4g8g	6dfx 3.418692944
## 32802	4g9f	6dfx 3.050086824
## 32803	4gg6	6dfx 2.568925014
## 32804	4jfd	6dfx 2.917205204
## 32805	4jfe	6dfx 2.916921681

## 32806	4jff	6dfx 2.916755627
## 32807	4jrx	6dfx 3.118887898
## 32808	4jry	6dfx 3.298915154
## 32809	4l3e	6dfx 3.306301623
## 32810	4mji	6dfx 2.541074554
## 32811	4mnq	6dfx 3.061927642
## 32812	4ozf	6dfx 3.328940049
## 32813	4ozg	6dfx 1.651105528
## 32814	4ozh	6dfx 2.581708729
## 32815	4ozi	6dfx 1.319896795
## 32816	4prh	6dfx 3.344688629
## 32817	4pri	6dfx 3.219361476
## 32818	4prp	6dfx 3.256375353
## 32819	4qok	6dfx 2.911344129
## 32820	4qrp	6dfx 2.024353848
## 32821	4y19	6dfx 3.520180433
## 32822	4y1a	6dfx 3.261012924
## 32823	4z7u	6dfx 1.823764540
## 32824	4z7v	6dfx 2.576020882
## 32825	4z7w	6dfx 2.134664596
## 32826	5d2l	6dfx 1.571905420
## 32827	5d2n	6dfx 2.192938428
## 32828	1lp9	6dfx 2.189903133
## 32829	1ymm	6dfx 3.678949983
## 32830	2j8u	6dfx 2.189930360
## 32831	2jcc	6dfx 2.189209903
## 32832	2uwe	6dfx 2.189972202
## 32833	2wbj	6dfx 2.220320490
## 32834	3gjf	6dfx 2.320263403
## 32835	3hae	6dfx 1.724672446
## 32836	3nfj	6dfx 2.171933719
## 32837	3o6f	6dfx 2.147081760
## 32838	3pl6	6dfx 3.088329879
## 32839	3t0e	6dfx 2.673300720
## 32840	4euq	6dfx 2.579397724
## 32841	4grl	6dfx 3.122212546
## 32842	4h1l	6dfx 3.007516328
## 32843	4may	6dfx 3.276330370
## 32844	4p4k	6dfx 2.167784234
## 32845	4qrr	6dfx 3.186720330
## 32846	4wuu	6dfx 3.221950733
## 32847	4zez	6dfx 2.719465662
## 32848	5brz	6dfx 2.759147161
## 32849	5bs0	6dfx 3.272532542
## 32850	5c07	6dfx 2.231273750
## 32851	5c08	6dfx 2.249458739
## 32852	5c09	6dfx 2.225875571
## 32853	5c0a	6dfx 2.410046587
## 32854	5c0b	6dfx 2.313598166
## 32855	5c0c	6dfx 2.345411779
## 32856	5e6i	6dfx 1.481897314
## 32857	5e9d	6dfx 2.634455519
## 32858	5eu6	6dfx 3.086881714
## 32859	5euo	6dfx 4.157093179

## 32860	5hhm	6dfx 2.147279037
## 32861	5hho	6dfx 3.377731164
## 32862	5hyj	6dfx 2.172143254
## 32863	5isz	6dfx 2.958063855
## 32864	5jhd	6dfx 2.133798234
## 32865	5jzi	6dfx 2.719982348
## 32866	5ks9	6dfx 2.302340139
## 32867	5ksa	6dfx 3.269294237
## 32868	5ksb	6dfx 2.480044013
## 32869	5men	6dfx 3.062200248
## 32870	5nht	6dfx 3.322553145
## 32871	5nme	6dfx 1.920239484
## 32872	5nmf	6dfx 2.079479494
## 32873	5nmg	6dfx 2.231768912
## 32874	5nqk	6dfx 3.326956136
## 32875	5tez	6dfx 3.649818895
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## 32878	5wkf	6dfx 2.436088549
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## 32881	5xov	6dfx 2.171933719
## 32882	5yxn	6dfx 3.192463068
## 32883	5yxu	6dfx 2.203498785
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## 32885	6amu	6dfx 3.318982396
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## 32889	6bj3	6dfx 3.384365428
## 32890	6bj8	6dfx 3.391493127
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## 32894	6cqr	6dfx 2.361136876
## 32895	6d78	6dfx 3.342223531
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## 32899	6eqa	6dfx 2.925752246
## 32900	6eqb	6dfx 2.923839462
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## 32903	6px6	6dfx 3.166455518
## 32904	6py2	6dfx 3.037922097
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## 32907	6rp9	6dfx 2.181187707
## 32908	6rpa	6dfx 3.288331727
## 32909	6rpb	6dfx 1.525309303
## 32910	6rsy	6dfx 2.151615050
## 32911	6tmo	6dfx 3.158167971
## 32912	6tro	6dfx 2.832609903
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## 32915	6uon	6dfx 2.075767091
## 32916	6vm7	6dfx 3.268095759
## 32917	6vm8	6dfx 3.293652672
## 32918	6vma	6dfx 2.992145745
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## 32997	3mv9	6dkp 1.191073276
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## 33001	3qdj	6dkp 1.431103906
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## 33027	4ozg	6dkp 3.540458832
## 33028	4ozh	6dkp 2.302070062
## 33029	4ozi	6dkp 3.492888115
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## 33253	4z7w	6dx	1.533627703
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## 33285	5e9d	6dx	1.593214429
## 33286	5eu6	6dx	2.248468609
## 33287	5euo	6dx	6.907130088
## 33288	5hhm	6dx	1.631851564
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## 33291	5isz	6dx	1.516330547

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## 33303      5tez      6dx 2.842884480
## 33304      5w1v      6dx 3.135256622
## 33305      5w1w      6dx 3.426202832
## 33306      5wkf      6dx 1.809144862
## 33307      5wkh      6dx 1.540090166
## 33308      5xot      6dx 2.529775127
## 33309      5xov      6dx 1.463779249
## 33310      5yxn      6dx 2.271962355
## 33311      5yxu      6dx 1.343938631
## 33312      6am5      6dx 2.296249576
## 33313      6amu      6dx 2.310887940
## 33314      6avf      6dx 2.800571499
## 33315      6avg      6dx 1.885080287
## 33316      6bj2      6dx 2.440688678
## 33317      6bj3      6dx 2.609406365
## 33318      6bj8      6dx 2.614736412
## 33319      6cql      6dx 2.434681369
## 33320      6cqn      6dx 3.528070081
## 33321      6cqq      6dx 1.853688826
## 33322      6cqr      6dx 1.680755808
## 33323      6d78      6dx 2.309960349
## 33324      6dfx      6dx 2.914709853
## 33325      6dkp      6dx 2.288561259
## 33326      6dx      6dx 0.000000000
## 33327      6eqa      6dx 1.665888333
## 33328      6eqb      6dx 1.651294188
## 33329      6mtm      6dx 2.197191175
## 33330      6p64      6dx 2.579499305
## 33331      6px6      6dx 2.131177534
## 33332      6py2      6dx 2.010002497
## 33333      6q3s      6dx 2.151712328
## [ reached 'max' / getOption("max.print") -- omitted 12463 rows ]
```

Plot RMSD, compare MHCI and MHCII - should be not much difference here due to gaps

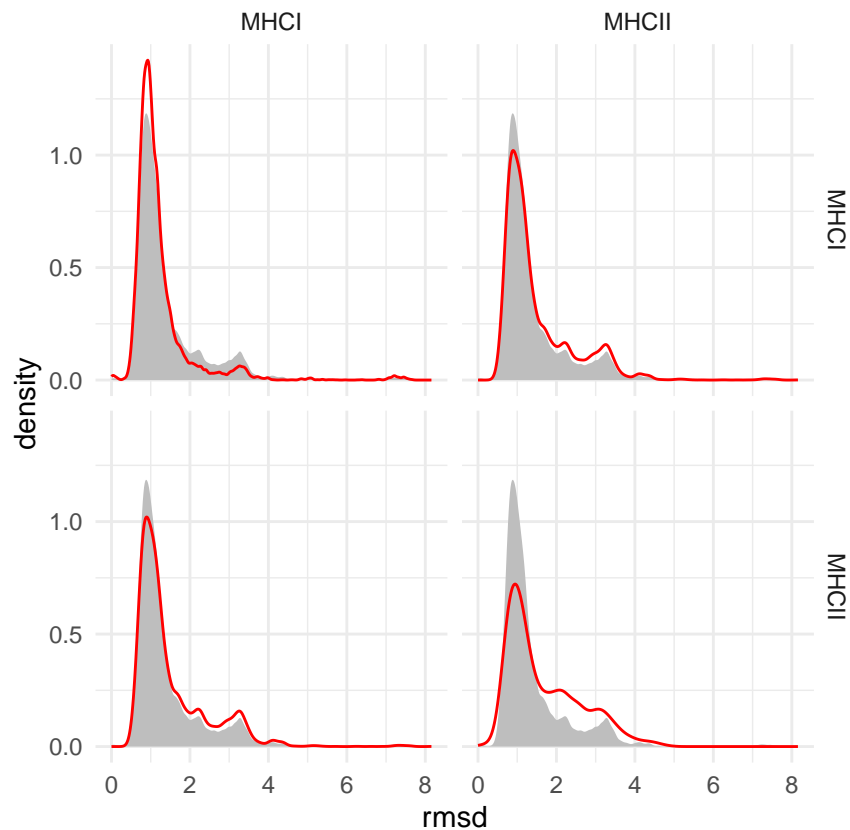
```
struct_alns_rmsd.mhc <- struct_alns_rmsd |>
  filter(clone_id.from != clone_id.to) |>
  left_join(vpdb_meta |>
    rename(mhc.from = mhc.class, clone_id.from = clone_id)) |>
  left_join(vpdb_meta |>
    rename(mhc.to = mhc.class, clone_id.to = clone_id))
```

```
## Joining with 'by = join_by(clone_id.from)'
```

```
## Joining with 'by = join_by(clone_id.to)'

struct_alns_rmsd.mhc <-
  rbind(struct_alns_rmsd.mhc,
        struct_alns_rmsd.mhc |>
          mutate(mhc.tmp = mhc.from,
                 mhc.from = mhc.to,
                 mhc.to = mhc.tmp) |>
          select(-mhc.tmp)) |>
  unique()

ggplot(struct_alns_rmsd.mhc,
       aes(x = rmsd)) +
  geom_density(data = struct_alns_rmsd.mhc |>
               select(rmsd),
               color = NA, fill = "grey") +
  geom_density(color = "red", fill = NA) +
  facet_grid(mhc.from ~ mhc.to) +
  theme_minimal() +
  theme(aspect.ratio = 1)
```



```
#END
```