```
Taxon 1        ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2        ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3        ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4        ACTGGCTTTGCAGAGTGTCTTG
Taxon 4                    AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5                 TGCAGAGTGACTTGAGTGTGTACAAAATCG
Taxon 6     TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA
```

-c [collapse overlapping fragments]

```
Taxon 1                    ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2                    ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3                    ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4 (collapsed)        ACTGGCTTTGCAGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5                          TGCAGAGTGACTTGAGTGTGTACAAAATCG
Taxon 6                 TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA
```

-b [blunt alignment borders]

```
Taxon 1   ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2   ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3   ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4   ACTGGCTTTGCAGAGTGTCTTG
Taxon 4              AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5           TGCAGAGTGACTTGAGTGTGTACAAAATCG
Taxon 6   ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCG
```

-r [reference sequence FASTA]

```
Reference TGTCGCCTCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTAGCTTG
Taxon 1           ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2           ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3           ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4           ACTGGCTTTGCAGAGTGTCTTG
Taxon 4                     AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5                  TGCAGAGTGACTTGAGTGTGTACAAAATCG
Taxon 6        TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA
```

-A [identifies private variants of group A vs 'rest']
-B [requires -A, group B is used as 'rest']

```
Group A   Taxon 6  TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA
          Taxon 1       ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
          Taxon 2       ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
          Taxon 3       ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Group B   Taxon 4       ACTGGCTTTGCAGAGTGTCTTG
          Taxon 4                  AGAGTGTCTTGTGTGTGTCCAAAATCGGC
          Taxon 5               TGCAGAGTGACTTGAGTGTGTACAAAATCG
```