


## GitHub Gist

 thepler / sql2.sql  
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sql2.sql

Raw

```
1 with
2     iirl as (
3         select sum(read_length) read_length, ii_seq_id seq_id
4         from read_illumina
5         group by ii_seq_id
6     ),
7     iib as (
8         select
9             ii.*,
10            (iirl.read_length * ii.filt_clusters) as bases
11         from index_illumina ii
12         join iirl on iirl.seq_id = ii.seq_id
13     ),
14     iid as (
15         select ii.seq_id, bi.date_completed
16         from index_illumina ii
17         join basecall_illumina bi
18         on ii.flow_cell_id = bi.flow_cell_id
19         and ii.lane = bi.lane
20         and (ii.index_sequence = bi.index_sequence or
21             (ii.index_sequence is null and bi.index_sequence is null))
22         and bi.date_completed is not null
23     ),
24     iim as (
25         select iid.seq_id, to_char(iid.date_completed, 'YYYY-MM') month from iid
26     ),
27     iia as (
28         select
29             ii.seq_id,
30             (case
31                 when disk_archive_id is null then 0
32                 when disk_archive_id is not null then 1 end)
33             as has_archive_id
34         from index_illumina ii
35     )
36 select
37     transfer_type_name,
38     count(*) ii_count,
39     month,
40     (sum(bases) / 1000000000) as gigabases,
41     internal_status,
42     external_status,
43     has_archive_id,
44     status
45 from
46     iim
47     join iib using (seq_id)
48     join iia using (seq_id)
49     join data_transfer_sequence_product@oltp dtsp using (seq_id)
50     join data_transfer@oltp dt using (data_transfer_id)
51     join data_transfer_type@oltp dtt using (data_transfer_type_id)
52 group by
53     transfer_type_name,
54     month,
55     internal_status,
56     external_status,
57     has_archive_id,
58     status
59 order by
60     transfer_type_name,
61     month,
62     ii_count,
```

```
63     internal_status,  
64     external_status,  
65     status
```

