

| Table | Alignment method | Coverage | Target regions | Human:mouse read depth | Evaluation level |
|-------|------------------|-----------------------|-------------------|------------------------|--------------------------------|
| S3 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Alignment |
| S4 | Bowtie2 | Whole hg19+Whole mm10 | Exonic | 60x:60x | Alignment |
| S5 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 30x:30x | Alignment |
| S6 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 54x:6x | Alignment |
| S7 | BWA | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Alignment |
| S8 | Bowtie2 | Whole hg19+Whole mm10 | Exonic+non-exonic | 60x:60x | Alignment |
| S9 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Variant calling (score>13) |
| S10 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Variant calling (all) |
| S11 | Bowtie2 | Whole hg19+Whole mm10 | Exonic | 60x:60x | Variant calling (score>13) |
| S12 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 30x:30x | Variant calling (score>13) |
| S13 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 54x:6x | Variant calling (score>13) |
| S14 | BWA | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Variant calling (score>13) |
| S15 | Bowtie2 | Whole hg19+Whole mm10 | Exonic+non-exonic | 60x:60x | Variant calling (score>13) |
| S16 | Bowtie2 | hg19:chr14+mm10:chr12 | Exonic+non-exonic | 60x:60x | Non-synonymous SNVs (score>13) |
| S17 | Bowtie2 | Whole hg19+Whole mm10 | Exonic | 60x:60x | Non-synonymous SNVs (score>13) |