

**Supplemental Table S3.** Genome alignments and misalignments

| Source | Reads      |            |            | Cross-species alignments (%) <sup>a</sup> |
|--------|------------|------------|------------|---|
|        | Total      | Human      | Hamster    |   |
| HEK293 | 41 699 579 | 40 128 368 | 53 566     | 0.13                                      |
| A23    | 37 225 324 | 89 422     | 33 234 329 | 0.27                                      |

<sup>a</sup> Percentage cross-species reads after alignment to other species: (Hamster/human) · 100 for HEK293; (human/hamster) · 100 for A23.