|  |  |  |
| --- | --- | --- |
|  | **TUK1** | **TUK2** |
| SeqCap Exome array | 2.1M (35Mb, ~20K genes) | EZ v2 (44Mb, ~30K genes) |
| Mean depth on CTR | 69X | 71X |
| Average coverage of CTR | 96.50% | 97.50% |
| Transitions/Transversions | 2.78 | 2.42 |
| Average GWAS Discordance | 58/8,711=0.007 | 22/10,085=0.002 |
| Average SNVs per sample | 23,592 | 31,501 |
| Total SNV on CTR | 160,124 | 226,094 |
| Novel SNV | 89,397 | 132,875 |
| Mean missing rate | 0.029 | 0.078 |
| Average singletons | 277 | 396 |
| Unrelated QC’ed cases/controls | 102 insensitive, 101 sensitive | 96 insensitive, 114 sensitive |