|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Vehicle** | | | | **TNFα** | | | | **TNFα + GSK0660** | | | |
|  | **1** | **2** | **3** | **Avg** | **1** | **2** | **3** | **Avg** | **1** | **2** | **3** | **Avg** |
| Total Reads | 32,679,282 | 30,523,915 | 32,300,955 | 31,834,717 | 30,718,657 | 32,350,282 | 33,252,277 | 32,107,072 | 28,275,640 | 30,126,192 | 30,237,101 | 29,546,311 |
| Reads Removed | 1084 | 702 | 849 | 878 | 442 | 981 | 438 | 620 | 354 | 311 | 807 | 491 |
| % Mapped | 96.5% | 97.2% | 97.0% | 96.9% | 94.0% | 96.4% | 97.1% | 95.8% | 97.0% | 97.0% | 96.1% | 96.7% |

Appendix 1. Summary of reads mapping to the human genome (UCSC hg19) using TopHat v2.0.9. Total reads for 3 samples each of vehicle, TNFα, and TNFα + GSK0660 treated HRMEC were generated using RNA-seq and then mapped to the human genome UCSC hg19.