**Supplemental Table 2:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sequenced Individual** | **# of heterozygous alternative genotypes** | **# of homozygous alternative genotypes** | **% of alternative heterozygous genotypes** |
| Family-1 Male Parent SL128062 | 15889 | 20041 | 44.2% |
| Family-1 Female Parent SL128065 | 12890 | 23040 | 35.9% |
| Family-1 LLI  07C69064 | 11875 | 24055 | 33.1% |
| I-ASD-1  2743-SL-0029 | 9224 | 26706 | 25.7% |
| Sib-1  07C69065 | 15305 | 20625 | 42.6% |
| Family-2 Male Parent SL128102 | 17859 | 18071 | 49.7% |
| Family-2 Female Parent SL128091 | 14600 | 21330 | 40.6% |
| I-ASD-2  07C65371 | 15688 | 20242 | 43.7% |
| Sib-2  07C66696 | 15536 | 20394 | 43.2% |
| Family-3 Male Parent SL127748 | 16822 | 19108 | 46.8% |
| Family-3 Female Parent  SL127734 | 14769 | 21161 | 41.1% |
| Family-3 LLI SL127742 | 16785 | 19145 | 46. 7% |
| Sib-F  05C40413 | 14687 | 21243 | 40.9% |
| Sib-3  05C40411 | 15140 | 20790 | 42.1% |
| I-ASD-3  2743-SL-0028 | 11341 | 24589 | 31.6% |