

Additional file 3: Table S2 - Single Nuclei Exome Sequencing Metrics

| Cell ID | Sample ID | cell type | Gate | Coverage Depth | Coverage Breadth | on-target | off-target | Mapped reads | Duplicates | Duplicate Fraction |
|---------|-----------|------------|------|----------------|------------------|-----------|------------|--------------|------------|--------------------|
| cell1 | SKN2-3 | fibroblast | G1/0 | 92 | 0.9656 | 0.694434 | 0.305566 | 75807655 | 4499437 | 0.0593533 |
| cell2 | SKN2-1 | fibroblast | G1/0 | 86 | 0.9597 | 0.725463 | 0.274537 | 116959349 | 6840425 | 0.0584855 |
| cell3 | SKN2-8 | fibroblast | G1/0 | 63 | 0.8734 | 0.698274 | 0.301726 | 83050018 | 4272458 | 0.0514444 |
| cell4 | SKN2-9 | fibroblast | G1/0 | 61 | 0.9199 | 0.717339 | 0.282661 | 130394134 | 7879773 | 0.0604304 |
| cell5 | SKN2-2 | fibroblast | G1/0 | 60 | 0.9265 | 0.683081 | 0.316919 | 82702966 | 4637801 | 0.0560778 |
| cell6 | SKN2-6 | fibroblast | G1/0 | 58 | 0.881 | 0.692569 | 0.307431 | 79167508 | 4133589 | 0.0522132 |
| cell7 | SKN2-5 | fibroblast | G1/0 | 57 | 0.808 | 0.710105 | 0.289895 | 81729806 | 4740215 | 0.0579986 |
| cell8 | SKN2-7 | fibroblast | G1/0 | 57 | 0.8964 | 0.697603 | 0.302397 | 88341020 | 4853585 | 0.0549415 |
| cell9 | SKN2-4 | fibroblast | G1/0 | 54 | 0.8335 | 0.683449 | 0.316551 | 78950029 | 4716958 | 0.0597461 |
| cell10 | SKN2-1 | fibroblast | G2/M | 83 | 0.9768 | 0.717238 | 0.282762 | 113932151 | 6674671 | 0.0585846 |
| cell11 | SKN2-4 | fibroblast | G2/M | 81 | 0.9758 | 0.706091 | 0.293909 | 79911960 | 4682799 | 0.0585995 |
| cell12 | SKN2-3 | fibroblast | G2/M | 76 | 0.9729 | 0.707748 | 0.292252 | 75800320 | 3599405 | 0.0474854 |
| cell13 | SKN2-7 | fibroblast | G2/M | 67 | 0.956 | 0.681542 | 0.318458 | 80648480 | 3964360 | 0.049156 |
| cell14 | SKN2-2 | fibroblast | G2/M | 60 | 0.9709 | 0.688752 | 0.311248 | 82272279 | 4248310 | 0.0516372 |
| cell15 | SKN2-8 | fibroblast | G2/M | 60 | 0.9571 | 0.703352 | 0.296648 | 66219143 | 3081922 | 0.0465413 |
| cell16 | SKN2-9 | fibroblast | G2/M | 58 | 0.9537 | 0.692903 | 0.307097 | 112665033 | 6590337 | 0.058495 |
| cell17 | SKN2-6 | fibroblast | G2/M | 56 | 0.9475 | 0.678661 | 0.321339 | 92501465 | 4228379 | 0.0457115 |
| cell18 | SKN2-5 | fibroblast | G2/M | 54 | 0.952 | 0.682259 | 0.317741 | 94910923 | 4911964 | 0.0517534 |
| cell19 | SKN2-10 | fibroblast | G2/M | 47 | 0.9315 | 0.68334 | 0.31666 | 103888986 | 5685038 | 0.0547222 |