

Supplemental Table S3

Sertoli Cell DMR Cluster

| Cluster | Chromosome | ClusterStart | ClusterEnd | DMR min P Value | DMR cSTART | DMR cSTOP |
|---------|------------|--------------|------------|-----------------|------------|-----------|
| chr1 | | 39150000 | 42350000 | 0.0445397 | 40399144 | 40400567 |
| chr1 | | 39150000 | 42350000 | 0.0143362 | 41054707 | 41092501 |
| chr1 | | 39150000 | 42350000 | 0.00472085 | 41097174 | 41104031 |
| chr1 | | 62450000 | 65850000 | 0.0306023 | 62798103 | 62801085 |
| chr1 | | 62450000 | 65850000 | 0.00000485 | 63868861 | 63885057 |
| chr1 | | 62450000 | 65850000 | 0.0400063 | 64400805 | 64401741 |
| chr1 | | 62450000 | 65850000 | 0.0347312 | 65242090 | 65247202 |
| chr1 | | 206250000 | 210350000 | 0.014464 | 206708922 | 206714409 |
| chr1 | | 206250000 | 210350000 | 0.0304948 | 207661537 | 207670801 |
| chr1 | | 206250000 | 210350000 | 0.00454151 | 208232325 | 208233267 |
| chr1 | | 206250000 | 210350000 | 0.0138794 | 208428092 | 208428255 |
| chr1 | | 206250000 | 210350000 | 0.00872725 | 208699058 | 208700411 |
| chr1 | | 206250000 | 210350000 | 0.0107973 | 209583414 | 209586571 |
| chr2 | | 188900000 | 191150000 | 0.0495313 | 189240524 | 189242900 |
| chr2 | | 188900000 | 191150000 | 0.0108908 | 189778476 | 189781169 |
| chr2 | | 188900000 | 191150000 | 0.0175331 | 190799602 | 190859954 |
| chr3 | | 3150000 | 7800000 | 0.0452556 | 3435393 | 3436406 |
| chr3 | | 3150000 | 7800000 | 0.0443675 | 4390427 | 4419424 |
| chr3 | | 3150000 | 7800000 | 0.0356916 | 5120291 | 5121217 |
| chr3 | | 3150000 | 7800000 | 0.038426 | 5809368 | 5809449 |
| chr3 | | 3150000 | 7800000 | 0.0300528 | 5810027 | 5810097 |
| chr3 | | 3150000 | 7800000 | 0.0369372 | 5817198 | 5830060 |
| chr3 | | 168850000 | 171000000 | 0.0180214 | 169089412 | 169099834 |
| chr3 | | 168850000 | 171000000 | 0.0382939 | 169712268 | 169731866 |
| chr3 | | 168850000 | 171000000 | 0.047346 | 170831286 | 170839091 |
| chr5 | | 77500000 | 81400000 | 0.0126496 | 79294671 | 79367278 |
| chr5 | | 77500000 | 81400000 | 0.00674035 | 79442642 | 79461272 |
| chr5 | | 77500000 | 81400000 | 0.0198293 | 79471099 | 79492969 |
| chr5 | | 77500000 | 81400000 | 0.0475767 | 80515699 | 80521861 |
| chr5 | | 134600000 | 138150000 | 0.00596212 | 136205260 | 136234065 |
| chr5 | | 134600000 | 138150000 | 0.046184 | 136310964 | 136360649 |
| chr5 | | 134600000 | 138150000 | 0.0184863 | 136497494 | 136566473 |
| chr6 | | 102050000 | 105600000 | 0.0370008 | 103693040 | 103694836 |
| chr6 | | 102050000 | 105600000 | 0.0263825 | 103727927 | 103729726 |
| chr6 | | 102050000 | 105600000 | 0.00289872 | 104036871 | 104041029 |
| chr7 | | 7950000 | 12350000 | 0.0148612 | 9028891 | 9030536 |
| chr7 | | 7950000 | 12350000 | 0.0416807 | 9510066 | 9532434 |
| chr7 | | 7950000 | 12350000 | 0.00651632 | 9936617 | 9939119 |
| chr7 | | 7950000 | 12350000 | 0.0329345 | 10367357 | 10369607 |
| chr7 | | 7950000 | 12350000 | 0.0329578 | 10685977 | 10705327 |
| chr7 | | 7950000 | 12350000 | 0.00827683 | 10976438 | 10991564 |
| chr7 | | 116000000 | 119850000 | 0.0422961 | 117266784 | 117307172 |
| chr7 | | 116000000 | 119850000 | 0.0310916 | 117903217 | 117908964 |
| chr7 | | 116000000 | 119850000 | 0.0277075 | 117934208 | 117969854 |
| chr7 | | 116000000 | 119850000 | 0.0322455 | 119794976 | 119805104 |
| chr8 | | 73000000 | 75750000 | 0.0288506 | 73034563 | 73818366 |
| chr8 | | 73000000 | 75750000 | 0.00973934 | 73836837 | 73876511 |

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|-------|----------|----------|------------|----------|----------|
| chr8 | 73000000 | 75750000 | 0.00487821 | 74909359 | 74983325 |
| chr8 | 73000000 | 75750000 | 0.00489224 | 75202511 | 75289572 |
| chr9 | 72550000 | 75700000 | 0.0153927 | 73780203 | 73831168 |
| chr9 | 72550000 | 75700000 | 0.00345848 | 73951093 | 73976955 |
| chr9 | 72550000 | 75700000 | 0.0207753 | 74547427 | 74548521 |
| chr10 | 12150000 | 15050000 | 0.0337017 | 13051312 | 13084236 |
| chr10 | 12150000 | 15050000 | 0.0435974 | 13722377 | 13724292 |
| chr10 | 12150000 | 15050000 | 0.0224177 | 14103353 | 14117608 |
| chr10 | 45700000 | 48600000 | 0.03697 | 46614082 | 46662673 |
| chr10 | 45700000 | 48600000 | 0.0427018 | 47649198 | 47654653 |
| chr10 | 45700000 | 48600000 | 0.00156688 | 47665622 | 47673226 |
| chr10 | 53800000 | 59250000 | 0.0480638 | 55339250 | 55349087 |
| chr10 | 53800000 | 59250000 | 0.0332359 | 55680917 | 55686475 |
| chr10 | 53800000 | 59250000 | 0.0480317 | 55768368 | 55788834 |
| chr10 | 53800000 | 59250000 | 0.0424029 | 55825991 | 55827700 |
| chr10 | 53800000 | 59250000 | 0.0106524 | 56208345 | 56369356 |
| chr10 | 53800000 | 59250000 | 0.0281562 | 56485162 | 56485304 |
| chr10 | 53800000 | 59250000 | 0.0347788 | 56760289 | 56765325 |
| chr10 | 53800000 | 59250000 | 0.0428298 | 56780470 | 56786053 |
| chr10 | 53800000 | 59250000 | 0.0219766 | 57293752 | 57295539 |
| chr10 | 53800000 | 59250000 | 0.0168829 | 57370395 | 57372706 |
| chr10 | 53800000 | 59250000 | 0.0103073 | 57874557 | 57881654 |
| chr10 | 88500000 | 92250000 | 0.0413218 | 90137813 | 90144403 |
| chr10 | 88500000 | 92250000 | 0.0169739 | 90306766 | 90307737 |
| chr10 | 88500000 | 92250000 | 0.00843692 | 90469785 | 90473512 |
| chr10 | 88500000 | 92250000 | 0.034524 | 91581206 | 91581393 |
| chr12 | 32400000 | 36300000 | 0.0406032 | 33977383 | 33997328 |
| chr12 | 32400000 | 36300000 | 0.0199966 | 34196347 | 34209636 |
| chr12 | 32400000 | 36300000 | 0.0449493 | 34382419 | 34393577 |
| chr12 | 32400000 | 36300000 | 0.0367817 | 34412943 | 34463189 |
| chr12 | 32400000 | 36300000 | 0.0225058 | 35412463 | 35443838 |
| chr14 | 8150000 | 11050000 | 0.047394 | 9072989 | 9135391 |
| chr14 | 8150000 | 11050000 | 0.0276051 | 10096519 | 10102420 |
| chr14 | 8150000 | 11050000 | 0.0138289 | 10102482 | 10135653 |
| chr14 | 81900000 | 85550000 | 0.00780089 | 82746460 | 82760864 |
| chr14 | 81900000 | 85550000 | 0.0366503 | 83615556 | 83615939 |
| chr14 | 81900000 | 85550000 | 0.0133893 | 83855894 | 83871922 |
| chr14 | 81900000 | 85550000 | 0.0457239 | 85353539 | 85353912 |
| chr16 | 30450000 | 33850000 | 0.0218235 | 31943480 | 31957555 |
| chr16 | 30450000 | 33850000 | 0.00879214 | 32200642 | 32200814 |
| chr16 | 30450000 | 33850000 | 0.0355941 | 32317666 | 32435983 |
| chr17 | 48150000 | 52050000 | 0.00729179 | 48513674 | 48514066 |
| chr17 | 48150000 | 52050000 | 0.0173306 | 48989449 | 48990680 |
| chr17 | 48150000 | 52050000 | 0.0384544 | 50119480 | 50120573 |
| chr17 | 48150000 | 52050000 | 0.0174517 | 50350988 | 50352473 |
| chr17 | 48150000 | 52050000 | 0.0281426 | 50788000 | 50809123 |
| chr19 | 22950000 | 26800000 | 0.0240019 | 24781386 | 24784715 |
| chr19 | 22950000 | 26800000 | 0.0340153 | 24831536 | 24833320 |
| chr19 | 22950000 | 26800000 | 0.0165459 | 24925342 | 24943271 |
| chr19 | 22950000 | 26800000 | 0.0334597 | 25867705 | 25882323 |

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|-------|----------|----------|-----------|----------|----------|
| chr19 | 38500000 | 42400000 | 0.0143947 | 40412611 | 40412788 |
| chr19 | 38500000 | 42400000 | 0.0345194 | 40472657 | 40472756 |
| chr19 | 38500000 | 42400000 | 0.0392472 | 40490890 | 40491177 |
| chr19 | 38500000 | 42400000 | 0.0225892 | 40504605 | 40504770 |