<table>
<thead>
<tr>
<th>CLUSTER LOCATION</th>
<th>DMR INSIDE OR WITHIN 2MB OF A CLUSTER</th>
<th>GENES WITH EXPRESSION CHANGE IN THE CLUSTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>chr1:39150000:42350000</td>
<td>Ldhal6b, Tmem181, Dynlt1</td>
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<tr>
<td>chr1:62450000:65850000</td>
<td>Eif5b (chr1), Cnot3, E2f5, Aurkc</td>
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<tr>
<td>chr1:206250000:210350000</td>
<td>Scy1, Prdx5 (inside cluster)</td>
<td>Tmem134, Brms1, Gene id Chr1_3166.1 (possibly Rnaseh2c), mRNA BCO90353 (possibly Matat1), Znhit2, Prdx5</td>
</tr>
<tr>
<td>chr10:12150000:15050000</td>
<td>RGD1562673 (inside cluster)</td>
<td>Srrm2, Ppp, Hagh</td>
</tr>
<tr>
<td>chr10:45700000:48600000</td>
<td>Ubb (within 2MB from cluster)</td>
<td>Lrc48, Mapk7, B9d1</td>
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<tr>
<td>chr10:53800000:59250000</td>
<td>Kctd11, Rnasek (inside cluster)</td>
<td>Ccdc42, Od16, RGD1563106, Tmem107, Dnah2, Eif4a1, Eif5a, Ybx2, Med11, Pumb6, Kpna</td>
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<tr>
<td>chr10:88500000:92250000</td>
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<td>Tubg1, Ccdc56, Rpl17, LOC688211</td>
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<tr>
<td>chr12:32400000:36300000</td>
<td>Rscl2, Diablo (chr12), Gene id Chr12_661.1 (possibly Bcl7a), Wdr66, Rad9b</td>
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<tr>
<td>chr14:81500000:11050000</td>
<td>Cds1, Mrps18c, Helq</td>
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<tr>
<td>chr14:81900000:85550000</td>
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<td>Tacc3, Atp5e, Drg1, LOC685322</td>
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<tr>
<td>chr16:30450000:33850000</td>
<td>Cbr4, Sh3rf1, Nek1</td>
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<td>chr17:48150000:52050000</td>
<td>RGD1564767, Zfp322a, LOC680322, Hist1h2bn, Zfp187</td>
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<tr>
<td>chr19:22950000:26800000</td>
<td>Nanos3 (inside cluster)</td>
<td>RGD1564093, Jumb, Sycz2, Asflb</td>
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<tr>
<td>chr19:38500000:42400000</td>
<td>Gene id Chr19_655.1 (possibly Wrd59) (inside cluster)</td>
<td>Gene id Chr19_634.1 (possibly Hydin - region 1), Gene id Chr19_634.1 (possibly Hydin - region 2), Gene id Chr19_634.1 (possibly Hydin - region 3)</td>
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<tr>
<td>chr2:188900000:191150000</td>
<td>Zc3h11a, Pumb4, Vps45</td>
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<td>chr3:31500000:7800000</td>
<td>Sna1, Qox2, Mrpl41 (chr3), Rpl7a (region 1), Rpl7a (region 2), Surf4</td>
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<td>chr3:168850000:17100000</td>
<td>Gene id Chr3_2440.1 (possibly Lsm14b), RGD11035899, Tceal2</td>
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<td>chr5:77500000:81400000</td>
<td>Pole3, Ccdc17 (inside cluster)</td>
<td>Fkbp15, Wdr31, Bsry, Atp6v1g1</td>
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<td>chr5:134600000:138150000</td>
<td>Atp6v0b (within 2MB from cluster)</td>
<td>Rad54, Faah, Pik3r3</td>
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<tr>
<td>chr6:102050000:105600000</td>
<td>Med6 (inside cluster), Rbm25 (within 2MB from cluster)</td>
<td>Cwc22 (region1), Cwc22 (region 2), Cwc22 (region 3)</td>
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<td>chr7:79500000:123500000</td>
<td>Ikv8l (within 2MB from cluster)</td>
<td>Zfp347, LOC100125368, Mrpl54, Lsm7, Atp8b3, Mum1</td>
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<tr>
<td>chr7:116000000:119850000</td>
<td>Gene id Chr7_1541.1 (within 2MB from cluster)</td>
<td>Plz2g6, Cby1, Gtpbp1, Rbx1</td>
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<td>chr8:73000000:75750000</td>
<td>Rora, Narg2, Rnf111, Adam10</td>
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<td>chr9:72550000:75700000</td>
<td>Gene id Chr9_929.1 (possibly Usp37), Stk36, Gene id Chr9_958.1</td>
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</tbody>
</table>

Clusters of transgenerational changes in gene expression and their relation to DMR in vinclozolin-lineage F3 Sertoli cells