

Supplemental Table S7
Site Table ALF 1e-05

| DMR Name | Chr | Start | Stop | Length | # Sig Win | minP | maxLFC | CpG # | CpG Density | DMR Associated Gene Annotation | Gene Category |
|----------------|-----|-----------|-----------|--------|-----------|----------|------------|-------|-------------|--------------------------------|--------------------------|
| DMR1:16511001 | 1 | 16511001 | 16512000 | 1000 | 1 | 5.35E-06 | 1.2013499 | 7 | 0.7 | Ahi1 | Development |
| DMR1:128827001 | 1 | 128827001 | 128829000 | 2000 | 1 | 4.96E-06 | -0.6146977 | 36 | 1.8 | | |
| DMR1:151323001 | 1 | 151323001 | 151324000 | 1000 | 1 | 7.68E-06 | -0.8207837 | 7 | 0.7 | | |
| DMR1:177518001 | 1 | 177518001 | 177519000 | 1000 | 1 | 2.57E-06 | -1.5697046 | 15 | 1.5 | Tead1 | Transcription |
| DMR2:29256001 | 2 | 29256001 | 29257000 | 1000 | 1 | 4.47E-06 | -0.7491577 | 20 | 2 | LOC684444 | Unknown |
| DMR2:244097001 | 2 | 244097001 | 244098000 | 1000 | 1 | 9.05E-06 | -0.9002777 | 34 | 3.4 | Tspan5 | Cytoskeleton |
| DMR2:255506001 | 2 | 255506001 | 255507000 | 1000 | 1 | 5.79E-06 | -0.9538469 | 15 | 1.5 | | |
| DMR3:14582001 | 3 | 14582001 | 14583000 | 1000 | 1 | 5.63E-06 | 1.4402089 | 10 | 1 | LOC100912604 | Metabolism |
| DMR3:51216001 | 3 | 51216001 | 51217000 | 1000 | 1 | 1.44E-06 | -1.2227125 | 13 | 1.3 | Cobll1 | Development |
| DMR3:70024001 | 3 | 70024001 | 70025000 | 1000 | 1 | 7.17E-06 | -0.9080766 | 4 | 0.4 | | |
| DMR3:117330001 | 3 | 117330001 | 117332000 | 2000 | 1 | 8.44E-06 | 1.2998255 | 16 | 0.8 | Slc24a5 | Transport |
| DMR4:105272001 | 4 | 105272001 | 105273000 | 1000 | 1 | 7.94E-07 | -0.9742594 | 7 | 0.7 | | |
| DMR4:117522001 | 4 | 117522001 | 117523000 | 1000 | 1 | 9.48E-06 | 1.1178495 | 9 | 0.9 | Nat8f5 | |
| DMR4:171925001 | 4 | 171925001 | 171927000 | 2000 | 1 | 3.87E-06 | -0.9316518 | 44 | 2.2 | | |
| DMR6:25374001 | 6 | 25374001 | 25375000 | 1000 | 1 | 1.35E-06 | 1.371705 | 9 | 0.9 | | |
| DMR6:81484001 | 6 | 81484001 | 81485000 | 1000 | 1 | 1.91E-06 | -0.9657173 | 7 | 0.7 | | |
| DMR6:85476001 | 6 | 85476001 | 85477000 | 1000 | 1 | 2.10E-06 | -1.2934831 | 4 | 0.4 | | |
| DMR8:22300001 | 8 | 22300001 | 22301000 | 1000 | 1 | 4.02E-07 | 1.254792 | 14 | 1.4 | Atg4d;Kri1 | Metabolism |
| DMR8:32683001 | 8 | 32683001 | 32684000 | 1000 | 1 | 8.03E-06 | 0.7702847 | 28 | 2.8 | | |
| DMR8:32801001 | 8 | 32801001 | 32802000 | 1000 | 1 | 6.92E-06 | 0.9594084 | 2 | 0.2 | | |
| DMR8:128780001 | 8 | 128780001 | 128782000 | 2000 | 1 | 6.96E-06 | -0.7639036 | 31 | 1.55 | Ccr8;Slc25a38 | Receptor;Binding Protein |
| DMR9:27276001 | 9 | 27276001 | 27277000 | 1000 | 1 | 1.95E-06 | 1.0387044 | 19 | 1.9 | | |
| DMR9:48244001 | 9 | 48244001 | 48245000 | 1000 | 1 | 6.52E-06 | -0.8972344 | 12 | 1.2 | | |
| DMR10:10693001 | 10 | 10693001 | 10694000 | 1000 | 1 | 2.17E-06 | 1.5003424 | 6 | 0.6 | Ppl;Ubn1 | EST |
| DMR10:64134001 | 10 | 64134001 | 64135000 | 1000 | 1 | 1.73E-06 | 1.4389095 | 16 | 1.6 | | |
| DMR12:29533001 | 12 | 29533001 | 29535000 | 2000 | 1 | 3.71E-06 | 0.9916978 | 40 | 2 | Caln1 | Signaling |
| DMR12:37428001 | 12 | 37428001 | 37429000 | 1000 | 1 | 3.67E-06 | -0.797574 | 24 | 2.4 | Atp6v0a2;Gtf2h3 | Metabolism;Transcription |
| DMR13:5479001 | 13 | 5479001 | 5480000 | 1000 | 1 | 1.22E-06 | -1.070978 | 1 | 0.1 | AABR07019870.1 | |
| DMR13:60098001 | 13 | 60098001 | 60099000 | 1000 | 1 | 6.33E-06 | 1.1458864 | 4 | 0.4 | | |
| DMR14:64920001 | 14 | 64920001 | 64921000 | 1000 | 1 | 4.84E-06 | 1.0301866 | 6 | 0.6 | | |
| DMR16:35593001 | 16 | 35593001 | 35594000 | 1000 | 1 | 2.21E-06 | -1.6200832 | 4 | 0.4 | AABR07025368.1 | |
| DMR16:61321001 | 16 | 61321001 | 61322000 | 1000 | 1 | 1.57E-06 | -1.0978998 | 14 | 1.4 | | |
| DMR17:9166001 | 17 | 9166001 | 9167000 | 1000 | 1 | 6.33E-06 | 1.1219253 | 30 | 3 | Neurog1 | Transcription |
| DMR17:76387001 | 17 | 76387001 | 76388000 | 1000 | 1 | 8.33E-06 | 1.1299052 | 15 | 1.5 | Sec61a2;AC141220.2;Nudt5 | Receptor;Transcription |
| DMR19:7929001 | 19 | 7929001 | 7930000 | 1000 | 1 | 8.10E-06 | -1.1492447 | 7 | 0.7 | | |