

Supplementary Table S2**Chan et al "Two-step recruitment of RNA-directed DNA methylation to tandem repeats"**

| PCR primer sequence | Purpose |
|--|---|
| TGACTGACAGCTGAAAATGGGATGTGGAT GCCACTCCCTAGAACTCACCACCTAAGTT | ago4-1 genotyping (CAPS marker with AvaII) ago4-1 genotyping |
| tag cat ctg aat ttc ata acc aat ctc gat aca c aca cat tag gac taa caa att tac c atg gtg tca gag acg acg acg aac cga tca | rdr2-1 SAIL T-DNA left border primer rdr2-1 genotyping rdr2-1 genotyping |
| ggttttatattaatattaagagttatgggtygaagttt caaaatactttacacataaacraaaaacaacaaatcraa | bisulfite sequencing of FWA bisulfite sequencing of FWA |
| caaaatactttacacataaacraaaaacaacaaatcraa GTttAAGTGtTATTTGGTTGTTTAAGGTTGtTTTTAGtAt | bisulfite PCR/ClaI assay of FWA methylation bisulfite PCR/ClaI assay of FWA methylation |
| ag+caa+cct+taa+aca+acc+aaa+tag+cac+ttg+gac+caa+tgg+cga+a AT+ATG+AGA+TTC+TCG+ACG+GAA+AGA+TGT+ATG+GGC+TTCG CTG+ATT+GTC+AGT+ATCCT+ACA+AATC+GAT+AAATC+GTA+AGA+AG | FWA LNA probe from Figure 4A FWA LNA probe A1 (Supplementary Figure S3) FWA LNA probe B2 (Supplementary Figure S3) (+ indicates LNA at following position) |
| CCTTCGGGATTTTCGATAGTGCCA CCCACCAAGATCTGAAGTCC CAGGTGCAATGGTGGTGTAT | Taqman probe for FWA real-time RT-qPCR FWA RT-qPCR FWA RT-qPCR |
| Ttt tcc cta gtt gag atg gga att gaa Cagcatcatcacaagcatcc Tcgtggtggtgagtttggttac | Taqman probe for ACT7 real-time RT-qPCR ACT7 RT-qPCR ACT7 RT-qPCR |
| aaa gtg gtt gta gtt tat gaa agg ttt tat CTTAAAAAATTTTCAACTCATTTTTAAAAAA | bisulfite PCR/BamHI assay of MEA-ISR methylation bisulfite PCR/BamHI assay of MEA-ISR methylation |