

### **Table S5. Genomic Coordinates, Related to Extended Experimental Procedures**

pCRM activity was assessed using luciferase reporter assays by cloning the ChIP-defined genomic region (average of approx. 750bp) upstream of a minimal promoter driving a luciferase gene (pGL4.23[luc2/minP]; Promega). Importantly, pCRMs were selected in a non-biased manner based on ranked average binding ChIP p-values for occupying TFs. Genomic coordinates are as follows:

<u>TF order</u>	<u>pCRM genomic coordinates</u>
1	chr3:78762692-78763270
1	chr1:43196384-43196904
1	chr18:75739077-75739648
1	chr5:138093690-138094176
1	chr10:94880166-94880778
2	chr17:55841782-55842285
2	chr11:109482382-109482946
2	chr11:44503354-44503971
2	chr3:103188727-103189193
3	chr1:155559667-155560272
3	chr1:184030446-184030992
3	chr4:59821894-59822386
3	chr12:33858479-33858979
4	chr15:9457605-9458144
4	chr11:44449580-44450262
4	chr12:101985209-101985820
4	chr14:52642471-52643107
5	chr1:20730409-20731129