

**Table S14: Significance of promoter enrichment in gene regulatory modules<sup>1</sup>**

Promoter element <sup>2</sup>	Cluster 1	Cluster 2	Cluster 3	Cluster 4	Cluster 5
TATTTAAA	P=0.0358	P=0.1044	P=0.3534	P=0.5341	P=0.0962 (OR 2.3) <sup>3</sup>
TATTAAA	P=0.6833	P=0.1902 (OR 2.6)	P=0.2025	P=0.2062	P=0.0509 (OR 3.6)
TATATA	P=1	P=1	P=0.4082	P=0.3875	P=0.5293
TATAA	P=0.04141 (OR 3.9)	P=0.2056	P=0.684	P=0.6856	P=0.7504
TATA	P=0.6684	P=0.0228 (OR 6.1)	P=0.6376	P=0.347	P=0.1515
TAAAT	P=1	P=1	P=1	P=0.0703 (OR 4.8)	P=0.4159
Other	P=0.5276	P=1	P=1	P=0.7325	P=0.6083

<sup>1</sup> Fisher's exact test – see Materials and Methods

<sup>2</sup> see Table 2 for promoter elements

<sup>3</sup>OR = Odds Ratio greater than 2.0 are shown