Supplementary Table 1: Comparison between the heterogeneous (ht) and the homogeneous (hm) background models for motif feature extraction

Motif	Sox-Oct	OCT1_Q6	OCT_Q6	OCT1_Q5_01
Cor(ht)	0.442	0.261	0.303	0.295
Cor(hm)	0.421	0.221	0.267	0.256
t-stat(ht)	14.04	8.77	10.19	10.16
t-stat(hm)	13.06	7.38	8.87	8.68