

**Supplementary Figure S4 Nozawa et al.**

	1 <sup>st</sup> -GATA	GATG	
Mm	CGGACTT <b>TATC</b> AGCCTGCC <b>CATC</b> GGCGCGCGGATCTGTGGTGGTAAATGCTGCATTTCGATGGCGGGCGCATTGTGTTGTG		
Rn	CGGACGC <b>TATC</b> AGCCTGCC <b>CATC</b> GGCGCGCGGATCTGTGGTGGTAAATGCTGCATTTCGATGGCGGGCGCATTGTGTTGTG		
Hs	CAGAGGC <b>TATC</b> TGCCTGCC <b>CATC</b> AGCGC CGGATCTGCGGTGGTAAATGATGCATTTCGATGGCGGGCGCATTGTGTTGTG		
Clf	CGGACGC <b>TATC</b> TGCCTGCC <b>CATC</b> AGCGCGCGGATCTGCGGTGGTAAATGATGCATTTCGATGGCGGGCGCATTGTGTTGTG		
Md	TAAATTTT <b>GC</b> TATCTGCC <b>CATC</b> AAACCGAGGATCTGC <b>ACT</b> ATAAATGATGCATTTCATGGTGGCGTATTTGTTGGG		
Gg	TAGATTTT <b>GC</b> TATCTGCC <b>CATC</b> AAACCGGAGATCTGC <b>ACT</b> TGGTAAATGATGCATTAGATGGTGGCTGTATTTGTTGTG		
Xt	====TTT <b>TCT</b> TATATGCC <b>CATC</b> AAACGGTGAGATCTGC <b>ACC</b> GGTAAATGATGCATGTGATGGGGATGTGTTTGTGTTGTG		
Tn	====TTT <b>TCT</b> TATATGCC <b>CATC</b> AAACGGTGAGATCTGC <b>ACC</b> GGTAAATGATGCATGTGATGGGGATGTGTTTGTGTTGTG		AATGATGCATTAGATGTTGAATGATTTGTTGGG

  

	GATApaI	4 <sup>th</sup> -GATA	
Mm	TGCGCTCTGAAAGGGCTGC <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCCGCGGCACATTTGGAAACAATT		
Rn	TGCGCTCTGAAAGGGCTGC <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCCGCGGCACATTTGGAAACAATT		
Hs	CGCCTCTGAAAGGGCTC <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCCGCGGCACATTTGGAAACAATT		
Clf	CGCGCTCTGAAAGGGCTC <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCCGCGGCACATTTGGAAACAATT		
Md	GGAGTTTGAAGGGTCT <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCCTTTATTCAGCAGCATTGGAAACAATT		
Gg	TGAGTTTGAAGGGTCT <b>GATAATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCAGCAGCATTGGAAACAATT		
Xt	TGAGTCTGAAAGCTG <b>GATTATC</b> TGGAAGGCAGAG <b>GATA</b> AAGAAACACCATTTATTCAGCAGCATTGGAAACAATT		
Tn	TAAAGTTTGAAGGGCG <b>GATAATC</b> TGGAGTGAGAG <b>GATA</b> AAGAAACACCATTTATTCAGCAGCATTGGAAACCCCGCT		

  

	5 <sup>th</sup> -GATA	6 <sup>th</sup> -GATA	
Mm	CCCAGCCCTGTACAACCCCATTTCTCGGGCAGCCTCCGGGAGCCGGGCA <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCGCCG		
Rn	CCCAGCCCTGTACAACCCCATTTCTCGGGCAGCCTCCGGGAGCCGGGCA <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCGCCG		
Hw	CCCAGCCCTGTACAACCCCATTTCTCGGGCAGCCTCCGGGAGCCGGGCA <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCGCCG		
Clf	CCCAGCCCTGTACAACCCCATTTCTCGGGCAGCCTCCGGGAGCCGGGCA <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCGCCG		
Md	TCCAACCCTGTTCAACCCCATTTCTCTCGAGCCTCCAGGAGCCGGGCA <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCGCCG		
Gg	TTCAACCCTGTTCAACCCCATTTCTCCAGAGCCTCCAGGAGCCAGAG <b>GATA</b> ACGATTGGCTATTCAT <b>TATC</b> TTTCACAA		
Xt	TCCAGCCCT-----ATTCTCTGGCAGCCTCCAGGAGCCACAG <b>GATA</b> ACGATTGCTATTATT <b>TATC</b> TTTCACAA		
Tn	TCCAGCCCTCGGTGGTGCT-----GACACCACAGAGTTTGC <b>GATA</b> ACGATTGGCCATTATT <b>TATC</b> TTTCACAG		

  

Mm	GGAACAAAGATTAGCCGCCGAGATGAAAAATTACCCGGGACAGCGGCTCAGGCCACTCAGACCCCCCTGCCCGT
Rn	GGAACAAAGATTAGCCGCCGAGATGAAAAATTACCCGGGACAGCGGCTCAGGCCACTCAGACCCCCCTGCCCGT
Hs	GGAACAAAGATTAGCCGCCGAGATGAAAAATTACCCGGGACAGCGGCGCAGCCCACCGGACCCCCCTGCCCGC
Clf	GGAACAAAGATTAGCCGCCGAGATGAAAAATTACCCGGGACAGCGGCGCAGCCCACCGGACCCCCCTGCCCG=
Md	GGAACAAAGATTAGCCGCCGAGATGAAAAATTACCCGGGATAGCAGCGTAGGCCCACTCGGACCCCCCCCCC
Gg	GGAACAAAGATTAGCTAGCAGAGATGAAAAATTACCC=====
Xt	GGAACAAAGATTAGCCAGCACATGAAAAATTACCC=====
Tn	AGAACAAAGATTGCGTGGTGCCGATGAAATATTACCC=====