

Table S1 : Primer pairs for qPCR (ChIP and RT)

Primers for qpcr (ChIP)	Primer name				
ATGGATGGACAGTGTTCCTG	K20me3_F				
CGTGTGCATGTGTGTACGTC	K20me3_R				
AAAGCTGCCTGTAAACACCTG	NegReg_F				
TCCATCATGCTTTGGAGACC	NegReg_R				
GATACATGCTCAGCTCCTTGTGTC	cdx2_F	ChIP Controls			
TTCAACGTTTTGTCCCCAGAC	cdx2_R				
AGAGAGGGAGGAGGGGAAATG	gapdhF				
AACAGGGAGGAGCAGAGAGCAC	gapdhR				
GCTCCTGAAGATGTAAGCAATAAAG	IAP F				
CTTCCTTGCGCCAGTCCCGAG	IAP R				
GCACGTGTGCAGATTATGTTTAC	4037_R_F			Full site right	Empty site
CACTGTTTTGGTTGTGGATG	4037_R_R			side	
CCAGTGCCTAATTACCCAAC	J1_4037_F				
TGCCTAATTACCAACCAC	4037_L_F			Full site left	
CCGTTTTGTGTGTTCTTCC	4037_L_R	side			
CAGAGTGAGGGAACAATGC	4037_L_F2	Left side -			
GCCTGGACTATATTGCCACATC	4037_L_R2	FAR			
TACTGCCCATTTCTGCTTC	4037_R_F2	Right side -			
TCATCCCTACCCAGTTTTTC	4037_R_R2	FAR			
ATCTTCTGACGGCGAATGTG	5338_R_F	Full site right	Empty site		
TCACTTGGAGTCAGGGACAAG	5338_R_R	side			
CAGAGCTAAGAAAAGGCTCCAG	J15338_R				
CATTGTCCTTCTCTGGTCAC	5338_L_F	Full site left			
CCGCAGAAGATTCTGGTTTG	5338_L_R	side			
TGGTGTGAAGGAACAGTGC	5338_L_F2	Left side -			
ATGGCAGTGACACCAAAGTG	5338_L_R2	FAR			
TGCTGCATCCTCTGAAAGTC	5338_R_F2	Right side -			
TGCCTATCCATGCACTTCTC	5338_R_R2	FAR			
CGTGAACGCGTGTAAAGAATC	8818_R_F	Full site right		Empty site	
AAAGCCATATGAGGGCAGTG	8818_R_R	side			
CTGAGGGAAGATCTCCAGTTTC	J1_8818_F				
TCAAACGTTCCCTGCCTAAC	8818_L_F	Full site left			
GGCTCCCACAGTAGATGAAAC	8818_L_R	side			
TTTCTCAGGCCAACATTTCC	8818_R_F2	Left side -			
AGGGTGAGACAGCTCTTTTCAG	8818_R_R2	FAR			
CTGTGATTTACCACTCAGGTC	8818_L_F2	Right side -			
TCCAGAAAGGGAGAGATTCC	8818_L_R2	FAR			
TTGCTCTGCACCTTGCTC	8852_R_F	Full site right	Empty site		
GGGTGGGTTTATTCTTTGTCC	8852_R_R	side			
GGGACTCCTTTGACCAATTTG	8852_L_F	Full site left			
AGGATGTTAGCGCCATCTTG	8852_L_R	side			
AGGAAAACCATGCCTCTGTG	8852_L_F2	Left side -			
CTGCACATTATAAAGAGGGGAAG	8852_L_R2	FAR			
TGTGTGTGAATGCCTCTC	8852_R_F2	Right side -			
CATGTTGGAAAACCAAGTAGGG	8852_R_R3	FAR			
GGGCTAATTCCTTCTACCTTCC	2754LF	Full site left			
CTGGTCTGTTGTGTTCTTCTG	7305F	side			
GCCTTTCATCTAAGTGCTGGTC	2754RR	Full site right	Empty site		
CCAACACATTCTGAGTTGCAG	2754RF	side			
GGGCTAATTCCTTCTACCTTCC	J1-2754F				
CTTCACTGCAACTCAGAATG	J1-2754R	Empty site			
CAAAGGGTATGGGCTTTGC	2754 LF-2	Left side -			
TCTCAACTCGTTCTCTCAGCAG	2754 LR-2	FAR			
TCAACAGGTGTTGCTAGGC	2754 RF-2	Right side -			
TGAAAGCAGCTGTGAAATGG	2754 RR-2	FAR			
AAGTAGAACATCGGTGCCAAC	IAPB3GAL_F	<i>b3galI</i> analysis			
CACCCTTACTGTCTCAAAGTG	IAPB3GAL_R				
AGTTTGTGAGGGTTCAGAAAAG	PromoB3bis_F				
GCGGTTGTAGGTGGTCCTG	PromoB3bis_R				

Primers for qpcr (RT)	Primer name
TGGGACTATGGACTCCGTTTC	Tubb5-F
AAAGCCTTGCAGGCAATCA	Tubb5-R
GCTAGGTTTCTGCGGTGCGGTC	TBP F
CTGTACTGAGGCTGCTGCAGTTGCTAC	TBP R
TCACCAAGGGGTGTGAGAAGTC	actin_F
TGGCCTTTTTAGGGACTCTG	actin_R
AAGCACGAGATTGCCCTCTA	b3galI F
ACTCCACAGACGGTAGGAA	b3galI R