

Table S3. Information on IMAGE clones and the oligonucleotides used

Name	Accession N°	IMAGE clone ID	Refseq ID	Forward primer	Reverse primer
CBX4	EU439707	5493993	NM_003655	5'-AGATCTATGGAGCTGCCAGC-3'	5'-CGGCTACACCGTCACGTAC-3'
DLX2	BC032558	5562689	NM_004405	5'-AGATCTATGACTGGAGTCTTTG-3'	5'-TCTCCCTGGGGTTAGAAAATC-3'
FAM76A	BC025768	5211010	NM_152660	5'-AGATCTATGGCGGCGCTCTAC-3'	5'-GTCTGTCATGGAGAGGTTATAG-3'
FAM76B	BC028727	4824833	NM_144664	5'-AGATCTATGGCGGCGCTCGG-3'	5'-CACATTACATACTCCTATCTCC
FOXG1B	BC050072	5284335	NM_005249	5'-AGATCTTGGGTGATGCTGGAC-3'	5'-TCCCAGGGATGTTAATGTATT-3'
GSH2	EU596451	2103455	NM_133267	5'-GGATCCATGTCGCGCTCCTTCTATGTCGACTCG-3'	5'-GCCGCGGCCGAGCCAGGCTGCTGGGGCTGA-3'
HAND1	BC021190	3162118	NM_004821	5'-GGATCCATGAACCTCGTGGG-3'	5'-CTCGGCTCACTGGTTAACTC-3'
HOXA1	BC032547	5537563	NM_005522	5'-GGATCCATGGACAATGCAAG-3'	5'-AGCCGCCTCAGTGGGAGG-3'
HOXA9	BC006537	2987903	NM_152739	5'-GGATCCATGGCCACCACTGG-3'	5'-GCCCAAATGGCATCACTCGTC-3'
MAFA	BE676631	3296459	NM_201589	5'-AGATCTGCCTACGAGGCTTTC-3'	5'-GGGGCCGCCCGGCC-3'
MAFB	BC028098	5242606	NM_005461	5'-AGATCTATGGGCCGCGGAGCTG-3'	5'-CGGCCACGACTCACAGAAAG-3'
MECP2	BC011612	3956518	NM_004992	5'-GGATCCATGGTAGCTGGGATG-3'	5'-GTAAAGTCAGTAACTCTCTC-3'
MEOX2	BC017021	5209130	NM_005924	5'-GGATCCATGGAACACCCGCTC-3'	5'-ATCATAAGTGGCATGCTCTGAG-3'
MEOX2ΔHB	BC017021	5209130	NM_005924	5'-GGATCCATGGAACACCCGCTC-3'	5'-TTTGCTCTTTGGTAAATGCTGTC-3'
NLK	BC064663	6527673	NM_016231	5'-AGATCTATGGCGGCTTACAATG-3'	5'-CACCATCACTCCACACCAG-3'
ONECUT1	EU532019	4372264	NM_004498	5'-AGATCTCCCACCATGACCATG-3'	5'-CTTCCTTCATGCTTTGGTAC-3'
OTX1	BC007621	3355563	NM_014562	5'-AGATCTGTTAGCATGATGTCT-3'	5'-ATTCCTGGGCTCACAAAGACC-3'
OTX1ΔHB	BC007621	3355563	NM_014562	5'-AGATCTGGCCACCATCATCAC-3'	5'-ATTCCTGGGCTCACAAAGACC-3'
PLK2	BC013879	3831747	NM_006622	5'-GGATCCATGGAGCTTTTGC GG-3'	5'-GGATCCATTGAAAAGTCTTTT CAGTTACATC-3'
POU4F2	EU439706	DKFZp434P094Q	NM_004575	(1) 5'-AGATCTTCCCTGAACAGCAAG-3' (2) 5'-TCCCGGGCTGGCCCTG-3'	(1) 5'-TGACACCACAGCGCCG-3' (2) 5'-CTTCTAAATGCCGGCGGAATA-3'
POU4F3	BC112207	8327675	NM_002700	5'-AGATCTATGATGGCCATGAACTC-3'	5'-TCAGTGGACAGCCGAATACTTC-3'
PRICKLE3	BC016856	3846372	NM_006150	5'-GGATCCATGTTTCGCGCGTGG-3'	5'-CTGCCTTCAAGCCACGATGC-3'
YY1	BC065366	5815774	NM_003403	5'-AGATCTTCAGCCATGGCCTCG-3'	5'-TTTCACTGGTTGTTTTTGGCC-3'
ZIC3	EU532020	664181	NM_003413	5'-GGATCCATGACGATGCTCCTG-3'	5'-TGTGTTTGCCTCAGACGTACC-3'