

Table S9 : Gene ontology analysis for the old-type Franches-Montagnes population

Term	Bonferroni adjusted p-value	N genes	Genes
GO biological process			
rhombomere development (GO:0021546)	1.06E-02	3	<i>HOXB2, HOXB1, HOXB3</i>
embryonic skeletal system morphogenesis (GO:0048704)	3.31E-02	5	<i>HOXB9, HOXB2, HOXB1, HOXB5, HOXB3</i>
regulation of transcription by RNA polymerase II (GO:0006357)	9.02E-03	25	<i>CDK5RAP3, HOXB9, HOXB7, SP6, NFE2L1, HOXB8, NKX1-1, SKAP1, ZNF652, DGKQ, CTBP1, HOXB2, HOXB13, HOXB1, PCGF3, HOXB5, CBX1, HOXB3, HOXB6, MLLT6, SP2, KAT7, RPL23, PCGF, TBX21</i>