

**Supplementary table 14** - Validation and replication of the RNAseq findings. The preserved samples are set as the reference.

Genes	RNAseq (N=18 samples)			Validation (N=10 technical replicates)			Replication (N=10 biological replicates)		
	$\beta$	FC	FDR	$\beta$	FC	Pval	$\beta$	FC	Pval
FRZB	-6,97	0,48	5,13E-08	-1,82	0,28	2,00E-06	-2,27	0,27	4,10E-05
CHRDL2	-6,16	0,09	4,13E-06	-3,46	0,08	1,00E-03	-3,93	0,10	2,00E-03
POSTN	3,89	2,55	5,99E-03	2,32	5,01	2,93E-04	2,52	3,37	5,00E-04
ASPN	3,52	3,10	1,24E-02	2,33	5,04	1,40E-02	2,21	2,34	1,00E-03
CNTNAP2	6,25	2,90	3,38E-06	1,38	2,60	1,60E-02	1,17	2,14	3,10E-02
STMN2	5,14	23,0	1,76E-04	3,04	7,86	1,20E-02	4,52	9,33	5,77E-07