

Table SII. Expression levels of the top three upregulated and downregulated genes after SOX9-knockdown.

Gene	Mean TPM (shSOX9)	Mean TPM (shNC)	log ₂ fold-change	P-value
Upregulated				
NPM1	4922.48	12.85	8.58	3.59x10 ⁻⁰⁶
SDHD	2864.24	45.42	5.98	1.54x10 ⁻⁰⁵
TXNRD1	367.16	6.21	5.88	1.09x10 ⁻⁰⁶
Downregulated				
EIF4G1	64.84	2679.84	-5.37	4.447x10 ⁻⁰⁵
PYGL	15.97	454.17	-4.83	6.654x10 ⁻⁰⁶
NSD2	48.67	1162.49	-4.58	7.28x10 ⁻⁰⁵

NPM1, nucleophosmin; TXNRD1, thioredoxin reductase 1; SHDH, succinate dehydrogenase complex subunit D; NSD2, nuclear receptor binding SET domain protein 2; EIF4G1, eukaryotic translation initiation factor 4γ1; PYGL, glycogen phosphorylase L; SOX9, SRY-related high-mobility group box 9; sh, short hairpin RNA; NC, negative control; TPM, Transcripts PerKilobase Million.