

Supplemental Table 1: Differentially regulated genes between grades 1 and 3.

Gene Symbol	Gene name	$\log_2(\text{fold})$	$-\log_{10}(p)$
DTL	Denticleless protein homolog	+1.09	6.60
SLC7A1	High affinity cationic amino acid transporter 1	+1.04	8.25
CENPF	Centromere protein F precursor	+1.03	6.55
TPX2	Targeting protein for Xklp2	+1.02	8.87
LEPR	Leptin receptor	-1.05	5.15
EGFL6	Epidermal growth factor like domain multiple 6	-1.03	6.05