

**Supplementary Table S1**

mRNA <400 nt			
name	code	length (bp)	nTPM
Glucosidase II alpha subunit	GANAB	351	191.3
Glutamine amidotransferase like a class 1 domain containing 1	GATD1	306	120.5
Cellular repressor of E1A stimulated genes 1	CREG1	372	82.3
Glutaminyl-peptide cyclotransferase	QPCT	294	76
Haloacid dehalogenase-like hydrolase domain containing 5; Cat eye syndrome critical region protein 5	HDHD5	282	56.7
Store-operated calcium entry associated regulatory factor	SARAF	369	49.5
DiGeorge syndrome critical region gene 2; Integral membrane protein DGCR2/IDD	DGCR2	288	44.4
Small integral membrane protein 7 (isoform)	SMIM7	393	34.4
mRNA >400 nt			
name	code	length (bp)	nTPM
Peroxiredoxin 4	PRDX4	813	551.5
Selenoprotein F	SELENOF	1401	180.2
Galanin and GMAP prepropeptide	GAL	749	119.3
PTTG1 interacting protein	PTTG1IP	978	81
Microfibril-associated protein 2	MFAP2	897	78
Multiple coagulation factor deficiency 2, ER cargo receptor complex subunit	MCFD2	1143	67.2
Canopy FGF signaling regulator 2	CNPY2	1776	57.5
Serine peptidase inhibitor, Kunitz type 2	SPINT2	3378	51.7
Syndecan 2	SDC2	1167	44.4