

Appendix 3. A List of PrimeTime qPCR Assays. A selection of genes were chosen for the qPCR study to validate the microarray results. Each PrimeTime qPCR assay includes a pair of primers and a probe for the target gene. *Gapdh* was used as a reference gene for normalization.

Gene symbol	Gene name	Catalogue
<i>Atp8a2</i>	ATPase, aminophospholipid transporter-like, class I, type 8A, member 2	Mm.PT.53.14096616
<i>Bcl3</i>	B-cell leukemia/lymphoma 3	Mm.PT.53.30069670
<i>Clqa</i>	Complement component 1, q subcomponent, alpha polypeptide	Mm.PT.53.16963784
<i>Cnga1</i>	Cyclic nucleotide gated channel alpha 1	Mm.PT.53.30322820
<i>Edn2</i>	Endothelin 2	Mm.PT.51.8631428
<i>Gapdh</i>	Glyceraldehyde-3-phosphate dehydrogenase	Mm.PT.39a.1
<i>Gdpd3</i>	Glycerophosphodiester phosphodiesterase domain containing 3	Mm.PT.53.29990504
<i>Gfap</i>	Glial fibrillary acidic protein	Mm.PT.53.10570926
<i>Gucy2e</i>	Guanylate cyclase 2e	Mm.PT.53a.6170527
<i>Gucy2f</i>	Guanylate cyclase 2f	Mm.PT.53.30375890
<i>Moscl</i>	MOCO sulphurase C-terminal domain containing 1	Mm.PT.53a.30064551
<i>Pdc</i>	Phosducin	Mm.PT.53.8306175
<i>Rgr</i>	Retinal G protein coupled receptor	Mm.PT.53.17636498