

Time point	Sample ID	Gene target	Ct
Day 3	PET-1	AQP	26.890
Day 3	PET-2	AQP	26.242
Day 3	PET-3	AQP	29.431
Day 3	PET-4	AQP	Undetermined
Day 3	PET-5	AQP	28.018
Day 3	PET-6	AQP	25.643
Day 3	PET-1	GFAP	24.457
Day 3	PET-2	GFAP	22.673
Day 3	PET-3	GFAP	25.393
Day 3	PET-4	GFAP	32.599
Day 3	PET-5	GFAP	24.892
Day 3	PET-6	GFAP	23.415
Day 7	BP-1	GFAP	Undetermined
Day 7	BP-2	GFAP	Undetermined
Day 7	BP-3	GFAP	25.533
Day 7	BP-4	GFAP	28.843
Day 7	BP-5	GFAP	23.216
Day 7	BP-6	GFAP	25.083
Day 7	PET-1	GFAP	Undetermined
Day 7	PET-2	GFAP	Undetermined
Day 7	PET-3	GFAP	23.146
Day 7	PET-4	GFAP	23.262
Day 7	PET-5	GFAP	23.386
Day 7	PET-6	GFAP	24.292
Day 7	BP-1	AQP4	Undetermined
Day 7	BP-2	AQP4	Undetermined
Day 7	BP-3	AQP4	30.653
Day 7	BP-4	AQP4	30.291
Day 7	BP-5	AQP4	23.342
Day 7	BP-6	AQP4	26.972
Day 7	PET-1	AQP4	Undetermined
Day 7	PET-2	AQP4	31.232
Day 7	PET-3	AQP4	24.729
Day 7	PET-4	AQP4	24.585
Day 7	PET-5	AQP4	26.218
Day 7	PET-6	AQP4	25.785

Table S1. Absent gene expression in 4 samples for both AQP4 and GFAP. The highlighted samples were removed from all analyses.