

	Pax7			Hprt			Rps18		
	TR 1	TR 2	TR 3	TR 1	TR 2	TR 3	TR 1	TR 2	TR 3
D-2	29.38	29.09	29.24	22.64	22.98	23.15	20.89	20.78	21
D0	30.41	30.22	30.30	23.06	23.46	23.13	21.02	20.65	21.34
D2	33.06	32.78	32.64	23.34	23.61	23.43	21.39	21.53	21.73
D4	32.66	32.63	32.59	23.53	23.07	23.59	21.62	21.56	21.85
D6	32.08	32.17	31.9	23.13	22.96	23.01	21.61	21.21	21.4

24. Average Ct values of technical replicates (TR): (TR 1 + TR 2 + TR 3)/3									
	Pax7			Hprt			Rps18		
D-2	29.24			22.92			20.89		
D0	30.31			23.22			21.00		
D2	32.83			23.46			21.55		
D4	32.63			23.40			21.68		
D6	32.05			23.03			21.41		

25. Av.Ct = (Ct(D-2) + Ct(D0) + Ct(D2) + Ct(D4) + Ct(D6))/5		
31.41	23.21	21.31

26. $\Delta Ct = Av.Ct - Ct(Sample)$			
	Pax7	Hprt	Rps18
D-2	2.17	0.28	0.42
D0	1.10	-0.01	0.30
D2	-1.42	-0.25	-0.24
D4	-1.22	-0.19	-0.37
D6	-0.64	0.17	-0.10

27. RQ Sample = $E^{\Delta Ct}$			
	Pax7	Hprt	Rps18
D-2	4.51	1.22	1.33
D0	2.14	0.99	1.23
D2	0.37	0.84	0.84
D4	0.43	0.88	0.77
D6	0.64	1.13	0.93

28. GeoMean Sample (Refs) = (RQ Sample (Hprt) x RQ Sample (Rps18))^(1/2)		
	Geomean (Hprt-Rps18)	
D-2	1.27	
D0	1.11	
D2	0.84	
D4	0.82	
D6	1.03	

29. Normalized expression sample = RQ sample / GeoMean sample (Refs)			
	Pax7	Hprt	Rps18
D-2	3.54	0.96	1.05
D0	1.94	0.90	1.11
D2	0.45	1.00	1.00
D4	0.52	1.06	0.94
D6	0.63	1.10	0.91