

Table S1 Primers for quantitative realtime PCR

Gene ID	Forward Primer (5' to 3')	Reverse Primer (5' to 3')
<i>β-Tubulin</i>	CATCCAGAACAAGAACAGCTCG	ACGGGGAGGAATGTCACAAACA
<i>DN64818_c0_g6</i>	TGAATTGGGAAATCAGTAGCACTGTC	TGTTTGAGCCTTGACACAAA
<i>DN70573_c2_g1</i>	AGTGACCACCCTTGCGATGC	TGCCTCCCATCAGACACCGA
<i>DN60391_c5_g2</i>	TGACGGTCTGGACCACCCAA	GCAGACTCGGAAGGCACCAT
<i>DN69705_c1_g3</i>	CCCTAAGGCGAGGCCGAAAG	GCTTCAGCACCGTAGTGCCT
<i>DN53654_c1_g7</i>	CATCCGGCGGTTTGTACTGC	CCGTGACCCGCAATCACTGT
<i>DN54310_c0_g6</i>	TCAAACAGACGCGCAAGGGA	TCGGGTCCAAACAGGCACAC
<i>DN65013_c0_g1</i>	TCCACTCCATACTGTTGGGATCA	AGTTTGGCTCCAGTTCAGTAAACA
<i>DN62024_c1_g1</i>	GGGAGACTGTACTGCGAAGC	TGCAAATCATTCAAGTTCCAACCA
<i>DN52313_c1_g5</i>	GTGCTCTTGGACACTCCCAT	CCGTGCCGTTGTTGAAAAGA
<i>DN65191_c2_g1</i>	GCGCTCGGACATGAATTTGC	CCACCACAGCCTGCTACAAG
<i>DN66978_c2_g1</i>	TCGTTGTAAGAAGCAGCTCGT	TGTCAGATGTCGCAGGATGGA
<i>DN78694_c0_g1</i>	ATTCGGCGATGGTTGAGTCG	TTGGGCTGGCGAATTCACA
<i>DN63597_c1_g1</i>	GGAGCACCATGTGGCATACT	TTGCGAGAATGTGGTGGTGA
<i>DN62024_c1_g1</i>	GGGAGACTGTACTGCGAAGC	TGCAAATCATTCAAGTTCCAACCA
<i>DN65013_c0_g1</i>	TCCACTCCATACTGTTGGGATCA	AGTTTGGCTCCAGTTCAGTAAACA
<i>DN57206_c6_g2</i>	ATGAGCATCCGCCCTCTCCT	TTGTCCACCACGCTCACCAC
<i>DN71364_c1_g1</i>	TACCACGTTGGTCGACATGC	CCAGCTTGTGCTCCTGGATG
<i>DN70765_c7_g9</i>	GCTCCAGCATCCTTCGTAGC	GCCTTCCTCGGACAGGAGAT
<i>DN67787_c1_g2</i>	AACCGTCGGCATGGAGTGTG	GTGCAGAGGCAGCACAGGTT
<i>DN68243_c0_g3</i>	TGCACATTGAATGGCGCTTAGA	TCCCTTGAACCTCTCTCCAACAGT
<i>DN65710_c6_g4</i>	AAGCGAAAGAACGCGATGGT	TTCAACAGGTGAGCGCAGAG
<i>DN56824_c0_g2</i>	GATGCAGCCTGGATGCTGTT	CGCCCATCAACGTCACATCA
<i>DN51116_c1_g5</i>	GCGTACGACCCAAGCTTCAA	GTCCGTCAACGGTCTTCTGG
<i>DN45576_c0_g1</i>	TACGCCAGCACTGTTGACAC	TGGCAAGTTCAAGGCTGTCC

Table S2 Summary of the quality of all sample sequencing data

#Sample_ID	Clean_Reads	A%	T%	C%	G%	N%	Error%	Q20%	Q30%	GC%
V1h-1	48732506	31.67	31.35	18.27	18.7	0	0.0248	97.97	94.54	36.97
V1h-2	54865402	29.6	29.15	20.35	20.9	0	0.0251	97.78	94.27	41.25
V6h-1	51945192	29.01	28.61	20.91	21.46	0	0.0248	97.89	94.53	42.38
V6h-2	50279316	29.54	29.14	20.34	20.97	0	0.0247	97.99	94.66	41.32
V24h-1	54548534	31.38	30.95	18.55	19.12	0	0.0248	97.9	94.51	37.67
V24h-2	55232694	28.92	28.46	20.97	21.64	0	0.0247	97.93	94.62	42.61
V24h-3	50962894	29.08	28.67	20.73	21.51	0	0.0248	97.89	94.53	42.24
M1h-1	49009592	30.12	29.8	19.77	20.31	0	0.0252	97.76	94.1	40.08
M1h-2	44700996	29.76	29.35	20.17	20.72	0	0.0247	97.94	94.64	40.89
M1h-3	50686434	28.3	27.95	21.57	22.18	0	0.025	97.81	94.45	43.74
M6h-1	47074780	30.48	30.08	19.37	20.06	0	0.0244	98.11	94.95	39.44
M6h-2	46133412	30.42	29.96	19.45	20.16	0	0.0245	98.02	94.91	39.62
M6h-3	51454412	30.08	29.61	19.85	20.46	0	0.0244	98.11	94.97	40.31
M24h-1	47917526	30.76	30.35	19.08	19.81	0	0.0245	98.02	94.88	38.89
M24h-2	48694016	30.86	30.51	19.04	19.59	0	0.0241	98.21	95.21	38.63
M24h-3	47228838	28.93	28.57	20.97	21.53	0	0.0244	98.08	94.9	42.5

Table S3 Pearson's correlation coefficient

	V1h-1	V1h-2	V6h-1	V6h-2	V24h-1	V24h-2	V24h-3	M1h-1	M1h-2	M1h-3	M6h-1	M6h-2	M6h-3	M24h-1	M24h-2	M24h-3
V1h-1	1	0.923	0.955	0.878	0.767	0.846	0.796	0.885	0.892	0.802	0.959	0.806	0.876	0.841	0.854	0.865
V1h-2	0.923	1	0.978	0.988	0.784	0.902	0.823	0.939	0.954	0.901	0.956	0.945	0.981	0.955	0.974	0.988
V6h-1	0.955	0.978	1	0.967	0.776	0.892	0.803	0.921	0.936	0.871	0.977	0.906	0.961	0.91	0.936	0.961
V6h-2	0.878	0.988	0.967	1	0.772	0.895	0.816	0.943	0.946	0.915	0.941	0.962	0.979	0.963	0.982	0.992
V24h-1	0.767	0.784	0.776	0.772	1	0.962	0.983	0.921	0.912	0.816	0.762	0.768	0.772	0.863	0.824	0.76
V24h-2	0.846	0.902	0.892	0.895	0.962	1	0.971	0.973	0.976	0.874	0.85	0.852	0.874	0.945	0.91	0.886
V24h-3	0.796	0.823	0.803	0.816	0.983	0.971	1	0.945	0.942	0.845	0.795	0.811	0.812	0.906	0.863	0.802
M1h-1	0.885	0.939	0.921	0.943	0.921	0.973	0.945	1	0.995	0.932	0.911	0.923	0.934	0.978	0.957	0.937
M1h-2	0.892	0.954	0.936	0.946	0.912	0.976	0.942	0.995	1	0.925	0.919	0.916	0.935	0.98	0.958	0.942
M1h-3	0.802	0.901	0.871	0.915	0.816	0.874	0.845	0.932	0.925	1	0.881	0.935	0.934	0.937	0.947	0.924
M6h-1	0.959	0.956	0.977	0.941	0.762	0.85	0.795	0.911	0.919	0.881	1	0.928	0.963	0.894	0.936	0.943
M6h-2	0.806	0.945	0.906	0.962	0.768	0.852	0.811	0.923	0.916	0.935	0.928	1	0.981	0.939	0.987	0.957
M6h-3	0.876	0.981	0.961	0.979	0.772	0.874	0.812	0.934	0.935	0.934	0.963	0.981	1	0.945	0.987	0.983
M24h-1	0.841	0.955	0.91	0.963	0.863	0.945	0.906	0.978	0.98	0.937	0.894	0.939	0.945	1	0.971	0.961
M24h-2	0.854	0.974	0.936	0.982	0.824	0.91	0.863	0.957	0.958	0.947	0.936	0.987	0.987	0.971	1	0.977
M24h-3	0.865	0.988	0.961	0.992	0.76	0.886	0.802	0.937	0.942	0.924	0.943	0.957	0.983	0.961	0.977	1