

A**EF1 α Expression****Intra-Group**

Sample Group	Rep1	Rep2	Rep3	Rep4	Rep5	Average	$\pm$CV
G6 Day 0	530,260	325,567	447,352	491,484	423,604	443,653	17.5%
G6 Day 7	377,111	308,290	400,322	444,895	350,314	376,186	13.7%
G12 Day 0	270,164	541,978	322,320	294,262	397,907	365,326	30.1%
G12 Day 7	445,974	433,768	485,228	303,490	302,193	394,131	21.7%
Inter-Group $\pm$CV:						<u>8.8%</u>	

B**Intra-group Variance $\pm$ CV (n= 5)**

Sample Group	EF1α	YLS8	ACT2	GAPDH	46630	HP	PTSR	CDC2	UBC1
G6 Day 0	17.5%	18.2%	22.7%	18.6%	22.2%	27.4%	21.3%	13.8%	18.5%
G6 Day 7	13.7%	16.8%	14.8%	11.8%	9.8%	10.4%	6.5%	13.6%	8.4%
G12 Day 0	30.1%	24.5%	34.3%	29.5%	36.2%	32.4%	27.8%	34.6%	42.0%
G12 Day 7	21.7%	18.2%	9.3%	13.0%	18.5%	26.6%	20.2%	24.7%	19.1%
Average $\pm$CV:	20.7%	19.4%	20.3%	18.2%	21.7%	24.2%	18.9%	21.7%	22.0%

C**Inter-group Variance**

Sample Group	EF1α	YLS8	ACT2	GAPDH	46630	HP	PTSR	CDC2	UBC1
G6 Day 0	443,653	15,857	108,770	109,877	6,025	2,179	2,637	14,922	18,632
G6 Day 7	376,186	16,586	85,275	88,296	4,616	2,620	3,868	7,059	47,019
G12 Day 0	365,326	14,060	93,538	88,351	4,656	1,918	2,373	11,585	16,346
G12 Day 7	394,131	17,817	94,008	84,301	4,951	2,571	3,921	5,695	54,376
Average:	394,824	16,080	95,398	92,706	5,062	2,322	3,200	9,815	34,093
$\pm$CV:	8.8%	9.8%	10.2%	12.5%	13.0%	14.4%	25.3%	43.1%	57.0%