

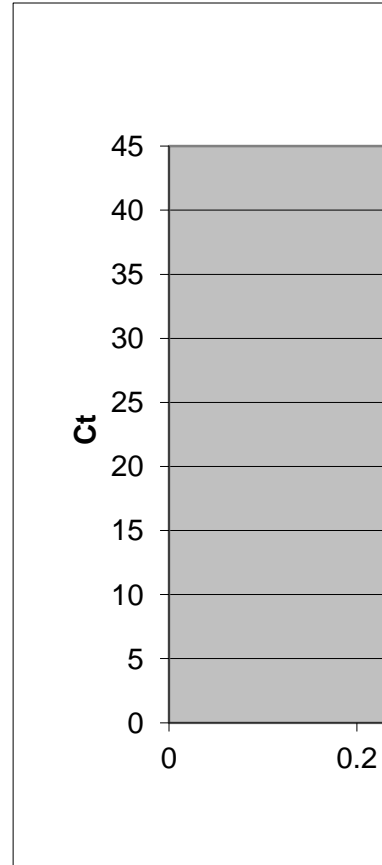
c (ng/ul)	log c

GRAF

log c	GAPDH
	17.32453333
	19.48663333
	22.52283333
	25.50846667
	28.94756667
	31.24963333

Bez činidla

GAPDH		JUN	
Vzorek	Ct	Vzorek	Ct
undil	17.3938	undil	24.5394
undil	17.2411	undil	24.6273
undil	17.3387	undil	24.312
∅	17.32453333	∅	24.4929
10x	19.4557	10x	26.1271
10x	19.1798	10x	25.7467
10x	19.8244	10x	26.2044
∅	19.48663333	∅	26.02606667
100x	22.3733	100x	28.7587
100x	22.548	100x	28.993
100x	22.6472	100x	28.8951
∅	22.52283333	∅	28.88226667
1000x	25.2486	1000x	31.1467
1000x	25.5823	1000x	31.8381
1000x	25.6945	1000x	31.8502
∅	25.50846667	∅	31.61166667
10 000x	28.5435	10 000x	34.094
10 000x	29.1017	10 000x	35.0348
10 000x	29.1975	10 000x	36
∅	28.94756667	∅	35.04293333
100 000x	31.2691	100 000x	37.8332
100 000x	31.1358	100 000x	37.705
100 000x	31.344	100 000x	39.2465
∅	31.24963333	∅	38.26156667



a) GAPDH
 $E = (10^{-1/k} - 1)$

b) JUN
 $E = (10^{-1/k} - 1)$

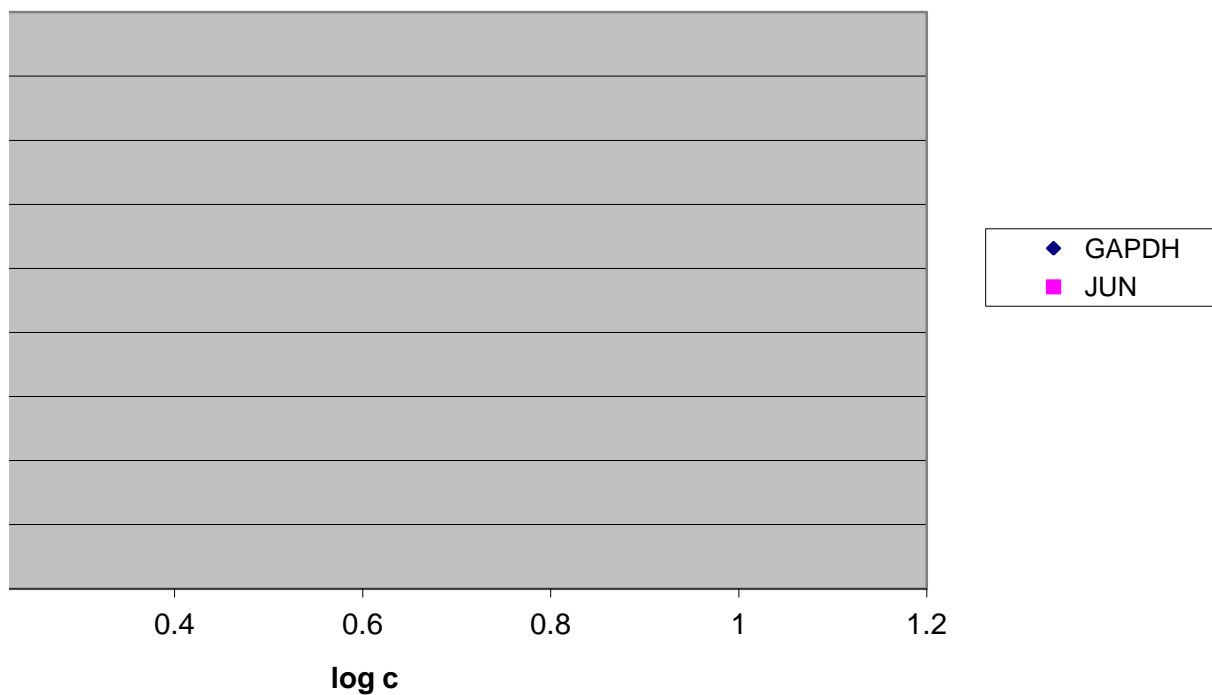
Kontroly

NTC		noRT	
GAPDH	JUN	GAPDH	JUN
Undetermined	Undetermined	Undetermined	27.8936
Undetermined	Undetermined	Undetermined	27.9149

JUN

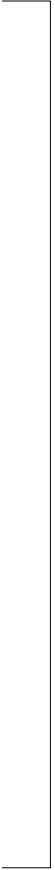
24.4929
26.02606667
28.88226667
31.61166667
35.04293333
38.26156667

Kalibrační křivky



x 100 =

x 100 =



Bez činidla

GAPDH		JUN	
Vzorek	Ct	Vzorek	Ct
cDNA	19.2368	cDNA	26.2645
cDNA	19.1108	cDNA	26.0897
cDNA	20.6262	cDNA	27.5725
∅	19.65793333	∅	26.64223333
EtOH 1μl	19.9144	EtOH 1μl	27.8717
EtOH 1μl	19.5741	EtOH 1μl	27.7677
EtOH 1μl	20.0881	EtOH 1μl	29.9076
∅	19.85886667	∅	28.51566667
EtOH 0,5μl	21.2638	EtOH 0,5μl	35.6947
EtOH 0,5μl	32	EtOH 0,5μl	Undetermined
EtOH 0,5μl	Undetermined	EtOH 0,5μl	Undetermined
∅	26.6319	∅	35.6947

Bez činidla

GAPDH		JUN	
Vzorek	Ct	Vzorek	Ct
cDNA	20.0249	cDNA	27.1316
cDNA	19.6426	cDNA	26.7751
cDNA	19.5989	cDNA	26.8056
∅	19.75546667	∅	26.9041
EtOH 1μl	36.4963	EtOH 1μl	Undetermined
EtOH 1μl	22.0917	EtOH 1μl	Undetermined
EtOH 1μl	29.8261	EtOH 1μl	Undetermined
∅	29.47136667	∅	Undetermined
EtOH 0,5μl	19.5372	EtOH 0,5μl	27.3939
EtOH 0,5μl	19.2463	EtOH 0,5μl	27.6701
EtOH 0,5μl	19.3838	EtOH 0,5μl	27.6298
∅	19.3891	∅	27.5646

DMSO

GAPDH		JUN	
Vzorek	Ct	Vzorek	Ct
cDNA	19.6746	cDNA	26.3573
cDNA	19.7816	cDNA	26.3632
cDNA	19.6535	cDNA	26.3279
∅	19.70323333	∅	26.34946667

Vzorek	JUN	GAPDH	Δ Ct	ΔΔ Ct	R
bez činidla	26.64223333	19.65793333	6.9843	0	1
DMSO	26.34946667	19.70323333	6.646233333	-0.33807	1.26

DMSO

GAPDH		JUN	
Vzorek	Ct	Vzorek	Ct
cDNA	19.9764	cDNA	25.985
cDNA	19.586	cDNA	25.673
cDNA	20.1762	cDNA	26.2685
∅	19.91286667	∅	25.9755

Vzorek	JUN	GAPDH	Δ Ct	ΔΔ Ct	R
bez činidla					
DMSO					

Normalizovaná exprese JUN vůči GAPDH

