

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	0.73	0.72	0.72	0.72	0.7	0.5
SRX003926	SE	HBR	0.65	0.66	0.68	0.62	0.71	0.61
SRX018974	PE	HBR	0.67	0.67	0.66	0.7	0.69	NA
SRX016368	SE	UHR	0.77	0.78	0.78	0.77	0.83	0.68
SRX016369	SE	UHR	0.82	0.83	0.83	0.81	0.84	0.75
SRX016370	SE	UHR	0.83	0.84	0.84	0.82	0.85	0.75
SRX016371	SE	UHR	0.82	0.83	0.83	0.81	0.84	0.76
SRX016372	SE	UHR	0.84	0.85	0.85	0.83	0.85	0.74
SRX003927	SE	UHR	0.75	0.77	0.8	0.71	0.84	0.75

Table 1: Pearson correlation (non-log-transformed values) of RNA-Seq predictions vs. qRT-PCR values for MAQC sample

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	0.66	0.66	0.66	0.66	0.76	0.66
SRX003926	SE	HBR	0.67	0.66	0.67	0.68	0.7	0.68
SRX018974	PE	HBR	0.64	0.64	0.64	0.64	0.74	NA
SRX016368	SE	UHR	0.72	0.72	0.72	0.72	0.78	0.72
SRX016369	SE	UHR	0.75	0.75	0.75	0.74	0.78	0.74
SRX016370	SE	UHR	0.76	0.76	0.75	0.75	0.78	0.75
SRX016371	SE	UHR	0.75	0.75	0.75	0.75	0.78	0.75
SRX016372	SE	UHR	0.76	0.76	0.75	0.75	0.78	0.75
SRX003927	SE	UHR	0.72	0.72	0.72	0.72	0.75	0.72

Table 2: Spearman correlation of RNA-Seq predictions vs. qRT-PCR values for MAQC samples

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	52	66	65	53	53	53
SRX003926	SE	HBR	32	40	39	22	22	22
SRX018974	PE	HBR	36	33	33	27	27	NA
SRX016368	SE	UHR	36	43	42	37	37	37
SRX016369	SE	UHR	29	38	38	26	26	26
SRX016370	SE	UHR	27	33	33	24	24	25
SRX016371	SE	UHR	26	36	35	21	21	22
SRX016372	SE	UHR	30	35	35	27	27	27
SRX003927	SE	UHR	14	20	20	14	14	14

Table 3: False positives of RNA-Seq predictions as determined by qRT-PCR values for MAQC samples

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	632	636	636	632	632	632
SRX003926	SE	HBR	602	610	608	598	598	599
SRX018974	PE	HBR	614	610	610	611	611	NA
SRX016368	SE	UHR	657	662	662	655	655	655
SRX016369	SE	UHR	645	655	655	645	645	646
SRX016370	SE	UHR	652	659	659	650	650	650
SRX016371	SE	UHR	649	660	660	651	651	652
SRX016372	SE	UHR	653	656	656	653	653	653
SRX003927	SE	UHR	622	636	634	617	617	617

Table 4: True positives of RNA-Seq predictions as determined by qRT-PCR values for MAQC samples

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	7	3	3	7	7	7
SRX003926	SE	HBR	37	29	31	41	41	40
SRX018974	PE	HBR	25	29	29	28	28	NA
SRX016368	SE	UHR	8	3	3	10	10	10
SRX016369	SE	UHR	20	10	10	20	20	19
SRX016370	SE	UHR	13	6	6	15	15	15
SRX016371	SE	UHR	16	5	5	14	14	13
SRX016372	SE	UHR	12	9	9	12	12	12
SRX003927	SE	UHR	43	29	31	48	48	48

Table 5: False negatives of RNA-Seq predictions as determined by qRT-PCR values for MAQC samples

SRA ID	Read type	MAQC sample	RSEM	IsoEM	IsoEM (C)	Cufflinks	Cufflinks (C)	rQuant
SRX016366	SE	HBR	25	11	12	24	24	24
SRX003926	SE	HBR	45	37	38	55	55	55
SRX018974	PE	HBR	41	44	44	50	50	NA
SRX016368	SE	UHR	15	8	9	14	14	14
SRX016369	SE	UHR	22	13	13	25	25	25
SRX016370	SE	UHR	24	18	18	27	27	26
SRX016371	SE	UHR	25	15	16	30	30	29
SRX016372	SE	UHR	21	16	16	24	24	24
SRX003927	SE	UHR	37	31	31	37	37	37

Table 6: True negatives of RNA-Seq predictions as determined by qRT-PCR values for MAQC samples