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MiRNA expression in plasma extracellular vesicles of prostate cancer patients after radical prostatectomy

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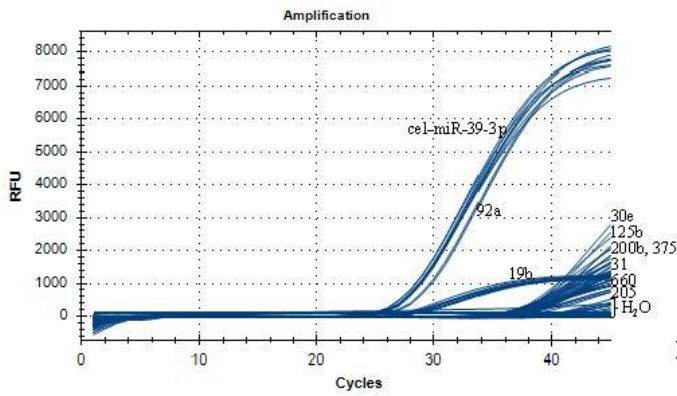
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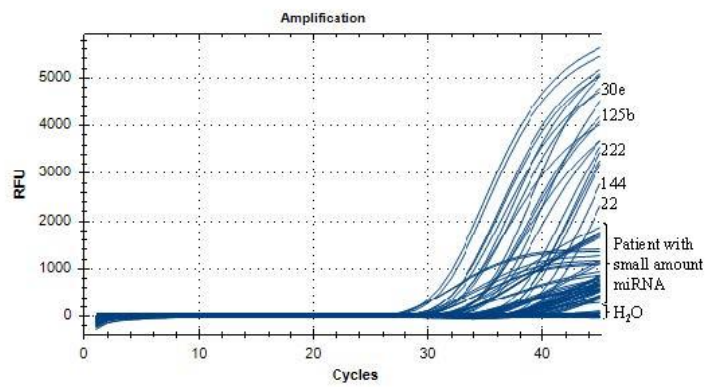


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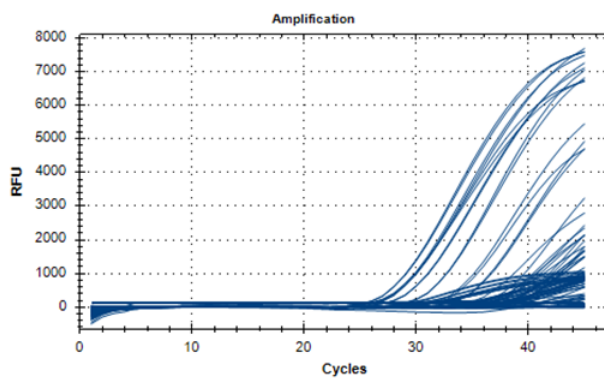
Example 1: RT-PCR set 1



Example 1: RT-PCR set 2



Example 2: RT-PCR set 1



Example 2: RT-PCR set 2

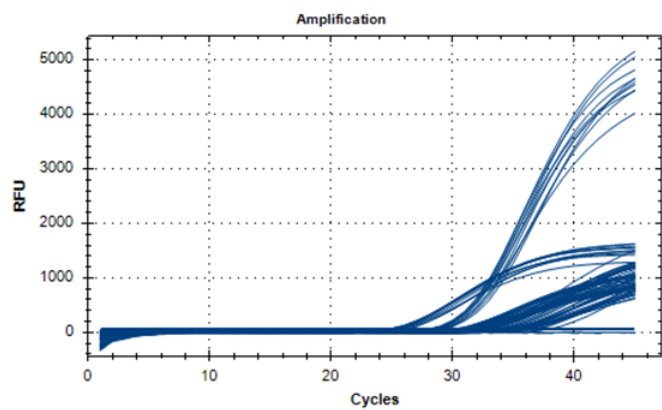


Figure S1. Examples of RT-qPCR curves.

Table S1. Sequences of primers and probes used for reverse transcription and TaqMan qPCR.

miRNA (accession number and sequences)	Label	Sequence
	Universal Reverse Primer	5'-GTGCAGGGTCCGAGGT-3'
miR-19b (MIMAT0000074; UGUGCAAUCCAU GCAAAACUGA)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCAGT T-3'
	Forward	5'-CGCTGTGCAAATCCATGCAA-3'
	Probe	5'-(FAM)-GCACTGGATACGACTCAGTT-(BHQ)-3'
miR-22 (MIPF0000053; AAGCUGCCAGUUG AAGAACUGU)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAG TT-3'
	Forward	5'-AAGCTGCCAGTTGAAG-3'
	Probe	5'-GCACTGGATACGACACAGTT-3'
miR-92a (MIMAT0000092; UAUUGCACUUGUC CCGGCCUGU)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAG GC-3'
	Forward	5'-CGCTATTGCACTTGTCCCG-3'
	Probe	5'-(FAM)-CGCACTGGATACGACACAGGC-(BHQ)-3'
miR-144 (MIMAT0004600; GGAUAUCAUCAUA UACUGUAAG)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTTAC AG-3'
	Forward	5'-CGGATATCATCATATACTGT-3'
	Probe	5'-(FAM)-CGCACTGGATACGACCTTACA-(BHQ1)-3'
miR-222 (MIMAT0000279; AGCUACAUCUGGC UACUGGGU)	RT	5'- GTCGTATCACGTGCAGGGTCCGAGGTATTCGCACGTGATACGACACCC AG-3'
	Forward	5'-CAGCTACATCTGGCTAC-3'
	Probe	5'-(FAM)-GCACGTGATACGACACCCAG-(BHQ1)-3'
miR-378a (MIPF0000168; ACUGGACUUGGAG UCAGAAGGC)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGCCTT C-3'
	Forward	5'-GACTGGACTTGGAGTCA-3'
	Probe	5'-(FAM)-CGCACTGGATACGACAAAGTC-(BHQ)-3'
miR-425 (MIPF0000242; AAUGACACGAUCA CUCCCGUUGA)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCAA CG-3'
	Forward	5'-TAATGACACGATCACTCC-3'
	Probe	5'-(FAM)-CGCACTGGATACGACTCAACG-(BHQ)-3'
miR-30e (MIPF0000005;	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTTCC A-3'

UGUAAACAUCUU GACUGGAAG)	Forward	5'-GCCCTGTAAACATCCTTGAC-3'
	Probe	5'-(FAM)-GCACTGGATACGACCTTCCA-(BHQ)-3'
miR-31 (MIPF0000064; AGGCAAGAUGCUG GCAUAGCU)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGCT AT-3'
	Forward	5'-CAGGCAAGATGCTGGCA-3'
	Probe	5'-(FAM)-TCGCACTGGATACGACAGCTAT-(BHQ)-3'
miR-125b (MIMAT0000423; UCCCUGAGACCCU AACUUGUGA)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCAC AA-3'
	Forward	5'-CGTCCCTGAGACCCTAACTT-3'
	Probe	5'-(FAM)-GCACTGGATACGACTCACAA-(BHQ)-3'
miR-200b (MIPF0000019; UAAUACUGCCUGG UAAUGAUGA)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCATC A-3'
	Forward	5'-GTAATACTGCCTGGTAATG-3'
	Probe	5'-(FAM)-CGCACTGGATACGACTCATCA-(BHQ)-3'
miR-205 (MIPF0000058; UCCUUCAUCCACC GGAGUCUG)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAGA CT-3'
	Forward	5'-CCTCCTTCATTCCACCGGA-3'
	Probe	5'-(FAM)-GCACTGGATACGACCAGACT-(BHQ)-3'
miR-375 (MIPF0000114; UUUGUUCGUUCGG CUCGCGUGA)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCAC GC-3'
	Forward	5'-GCCCTTTGTTTCGGCTC-3'
	Probe	5'-(FAM)-TCGCACTGGATACGACTCACGC-(BHQ)-3'
miR-660 (MIPF0000113; UACCCAUGCAUA UCGGAGUUG)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAAC TC-3'
	Forward	5'-CCCATTGCATATCGGAG-3'
	Probe	5'-(FAM)-GCACTGGATACGACCAACTC-(BHQ)-3'
cel-miR-39-3p (MIMAT0000010; UCACCGGUGUAA AUCAGCUUG)	RT	5'- GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAAG CT-3'
	Forward	5'-ATTCACCGGGTGTAATC-3'
	Probe	5'-(FAM)-CACTGGATACGACCAAGCTGA-(BHQ)-3'