

Supplementary table 1. Primers for a quantification of WGA products

Name	5'-sequence-3'
ALB	GACTTGCCAAGACATATGAAACC
	TCCAACAATAAACCTACCACTTTG
	HEX-TGCTGTGCCGCTGCAGATCC-BHQ1
ALDH1L1	ACATGTTTCATAGCCAAGGAGGA
	CTCCCAAAGCCCACATGAAG
	FAM- AGGAATCTGTCACACAGATGACC -BHQ1
IL10RA	TTCCATGTTACAGATGAGGAACTAA
	CAGCTCTGACTCTTATCAGCTTTG
	HEX-CCCTGACCAAATTACTTACCCTCTC-BHQ1
MET	CAAGATCGTCAACAAAAACAATG
	AAGTGGGGAAGTGTGACTTA
	FAM-CGGACCCAATCATGAGCACTG-BHQ1
BCMO379	GAATGCAGAAGTGGGCACA
	CAGGAGGGAATTATTATGTAAAGAG
	HEX-CAAAAGTGGCATCTACA -BHQ1
	STBHQ1-CAGCCACGGCCCTGAA-P
BDNF	CAACTTAGACCATTATTTCCAGA
	TACCGATGTGGCAGGAGAGA
	ROX-CTGTCTTTACTCACTGTTG-BHQ2
ADIPOQ	CATCAGAATGTGTGGCTTGC
	AAGCAGCCTGGAGAACTGGA
	HEX- CAGATCCTGCCCTTCAAAAAC -BHQ1
PPARGc1a	AACAAGCACTTCGGTCATC
	CTTTCATCTTCGCTGTCATCA
	ROX-ACAAGACCGGTGAACTGAGG-BHQ2
APOA2	CCAGAGAAATAACTTGGAATCCT
	AGAGGACAAGCACATGGAAGA
	HEX-CCTGTTGCACTCAAGTCCAAG -BHQ1
CKMM	TGCCAGTCCCTTACTTTCTC
	AGCCTCCAGCAAATGGTATG
	HEX-ACCTGCCCCTGGCTCCC -BHQ1
EGFR	GTCAAGATCACAGATTTTGGGCT
	CCTCCTTACTTTGCCTCCTTCTG
	FAM-CTGGGTGCGGAAGAGAAAGAATACC-BHQ1
ERBB2	CATCTTCCACAAGAACAACCAG
	GTCTGAGAGAAGAGGCAGCA
	FAM-AGACACCAACCGCTCTCGGGC -BHQ1

NBPF3	GTGGTTTTGGCAGCAATAG
	CATCTTCAGCGTTCCCAGT
	HEX-TGGGGTAATGTCCCCAAA -BHQ1
F II	GAACCAATCCCGTGAAAG
	AGAGAGCTGCCCATGAATAG
	HEX-CATTGAGGCTCGCTGAGAG -BHQ1
F XI	GTGAGTTGGATGAGGAGTTAGC
	CTTGTTGTCGTGTATTTTCCTC
	HEX-TCTCTCTCTCGCCCTCTCATC -BHQ1
KRAS	GACTGAATATAAACTTGTGGTAGTTGGA
	CATATTCGTCCACAAAATGATTCTG
	FAM-CTGTATCGTCAAGGCACTCTT -BHQ1
REP2	GTGTGCTTGTTAATGCGTG
	AGCAGTTTTTCGTTGGTCTCAT
	HEX- CTTCGTTCCAGAGCCCA-BHQ1
BHMT	AGTCAGGAGTGTGGTAAGCCA
	ACTCACAGGAGCATCCATCA
	HEX- TTTCAGTCGGGCAGCC-BHQ1
CYP1B1	GCTACCACATTCCCAACG
	TTAGAAAGTTCTTCGCCAATG
	HEX-CATGACCCAGTGAAGTGGC-BHQ1
MTHFR	CTGAAGCACTTGAAGGAGAAG
	GCAAGTGATGCCCATGTC
	HEX-CTGCGGGAGCCGATTTTC -BHQ1

Supplementary Figure 1. WGA efficacy and GC-content or amplicon length of qPCR



