



Input PCR template

none

Specificity of primers

Target templates were found in selected database: Refseq mRNA (Organism limited to Homo sapiens)

Other reports

[Search Summary](#)[Detailed primer reports](#)**Primer pair 1**

	Sequence (5'->3')	Length	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	TCATGAAGTGTGACGTTGACATCCGT	26	64.74	46.15	6.00	3.00
Reverse primer	CTTAGAAGCATTTCGCGGTGCACGATG	26	65.32	50.00	6.00	3.00

Products on intended target

Products on allowed transcript variants

Products on potentially unintended templates

Products on target templates

>[XM_006722048.1](#) PREDICTED: Homo sapiens actin, gamma 1 (ACTG1), transcript variant X1, mRNA

product length = 285

Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	1127	G.....C	1152

Reverse primer	1	CTTAGAAGCATTTCGCGGTGCACGATG	26
Template	1411	T.....G.....	1386

>[XM_006715764.1](#) PREDICTED: Homo sapiens actin, beta (ACTB), transcript variant X1, mRNA

product length = 285

Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	933	G.....C	958

Reverse primer	1	CTTAGAAGCATTTCGCGGTGCACGATG	26
Template	1217	.C.....G.....	1192

>[NM_001199954.1](#) Homo sapiens actin, gamma 1 (ACTG1), transcript variant 1, mRNA

product length = 285

Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	1103	G.....C	1128

Reverse primer	1	CTTAGAAGCATTTCGCGGTGCACGATG	26
Template	1387	T.....G.....	1362

>[NM_001614.3](#) Homo sapiens actin, gamma 1 (ACTG1), transcript variant 2, mRNA

product length = 285

Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	984	G.....C	1009

Reverse primer	1	CTTAGAAGCATTTCGCGGTGCACGATG	26
Template	1268	T.....G.....	1243

>[NM_001101.3](#) Homo sapiens actin, beta (ACTB), mRNA

product length = 285

Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	929	G.....C	954

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	1213	.C.....G.....	1188

>[NM_005159.4](#) Homo sapiens actin, alpha, cardiac muscle 1 (ACTC1), mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	1094	A....T.....C	1119

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	1378	G..A...	1353

>[XM_006712538.1](#) PREDICTED: Homo sapiens POTE ankyrin domain family, member E (POTEE), transcript variant X1, mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	1768	C...T..G.....C	1793

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	2052	.C.....G..A...	2027

>[NM_001277083.1](#) Homo sapiens POTE ankyrin domain family, member J (POTEJ), mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	2834	C...T..G.....C	2859

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	3118	.C.....G..A...	3093

>[NM_001277406.1](#) Homo sapiens POTE ankyrin domain family, member I (POTEI), mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	2945	C...T..G.....C	2970

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	3228	..-.....G..A...	3204

>[NM_001083538.1](#) Homo sapiens POTE ankyrin domain family, member E (POTEE), mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	2997	C...T..G.....C	3022

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	3281	.C.....G..A...	3256

>[NM_001099771.2](#) Homo sapiens POTE ankyrin domain family, member F (POTEF), mRNA

product length =	285		
Forward primer	1	TCATGAAGTGTGACGTTGACATCCGT	26
Template	3345	C...T..G.....C	3370

Reverse primer	1	CTTAGAAGCATTTCGCGTGACGATG	26
Template	3629	.C..C.....G..A...	3604