

Primer pair 1

Forward primer Reverse primer Product length	Sequence (5'->3') GGCCTCACATTCAGCTTCCT CTACCCCCATCTCTCCCTCC 208	Plus Min		Length 20 20	Start 68 275	Stop 87 256	Tm 60.03 60.18	GC % 55.00 65.00	Self complementarity 4.00 2.00	Self 3' complementarity 0.00 0.00
		Primer pair 2								
	Sequence (5'->3')	Tem	nplate strand	Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	TGGCCTCACATTCAGCTTCC	Plus	S	20	67	86	60.32	55.00	4.00	0.00
Reverse primer	GGGCTACTACCCCCATCTCT	Min	us	20	281	262	59.81	60.00	7.00	0.00
Product length	215									
		Primer pair 3								
	Sequence (5'->3')	Ter	mplate strand	Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	GTGGCCTCACATTCAGCTTC	Plu	IS	20	66	85	59.19	55.00	4.00	0.00
Reverse primer	CACAGACCCTGGGGCTACTA	Mir	nus	20	292	273	60.33	60.00	7.00	3.00
Product length	227									
		Primer pair 4								
	Sequence (5'->3')	Ter	mplate strand	Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	CGTGGCCTCACATTCAGCTT	Plu	IS	20	65	84	60.96	55.00	4.00	2.00
Reverse primer	ACAGACCCTGGGGCTACTAC	Mir	nus	20	291	272	60.33	60.00	7.00	1.00
Product length	227									

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		Primer pair 5							
	Sequence (5'->3')	Template strar	d Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	CAGTGGGTCTCTGGCTCAC	Plus	19	18	36	59.71	63.16	3.00	3.00
Reverse primer	ACTACCCCCATCTCTCCCTC	Minus	20	276	257	59.44	60.00	2.00	0.00
Product length	259								
		Primer pair 6							
	Sequence (5'->3')	Template str	and Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	GGCCTCACATTCAGCTTCCTT	Plus	21	68	88	60.62	52.38	4.00	0.00
Reverse primer	CAGACCCTGGGGCTACTACC	Minus	20	290	271	61.05	65.00	7.00	3.00
Product length	223								
		Primer pair 7							
	Sequence (5'->3')	Template strar	d Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	CACGTGCAGTGGGTCTCTG	Plus	19	12	30	60.67	63.16	6.00	3.00
Reverse primer	AGACCCTGGGGCTACTACC	Minus	19	289	271	59.69	63.16	7.00	3.00
Product length	278								
		Primer pair 8							
	Sequence (5'->3')	Template stran	d Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	GCCTCACATTCAGCTTCCTT	Plus	20	69	88	58.17	50.00	4.00	0.00
Reverse primer	CACAGGCACTCACAGACCC	Minus	19	302	284	60.30	63.16	2.00	1.00
Product length	234								
		Primer pair 9							
	Sequence (5'->3')	Template stran	d Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	AGTGGGTCTCTGGCTCACC	Plus	19	19	37	60.92	63.16	3.00	1.00
Reverse primer	CCATCTCTCCCTCCCCAGG	Minus	19	269	251	60.46	68.42	3.00	3.00
Product length	251								
		Primer pair 10							
	Sequence (5'->3')	Template stran	d Length	Start	Stop	Tm	GC%	Self complementarity	Self 3' complementarity
Forward primer	AGGCGTGGCCTCACATTC	Plus	18	62	79	60.05	61.11	5.00	0.00
Reverse primer	ACAGGCACTCACAGACCCT	Minus	19	301	283	60.46	57.89	3.00	3.00
Product length	240								