

TK-81mm-0_p4 BETA1229_orf20	ATGGCGTGGTACAGAAATCAAGGTTTGTCTACAATGCTTTAAACTCAA 50 ATGGCGTGGTACAGAAATCAAGGTTTGTCTACAATGCTTTAAACTCAA 50 ***** ↳ Exon 1	
TK-81mm-0_p4 BETA1229_orf20	CTTGCGTTCCAAACATTTGGTACTATTCCAACCTCAAGAGTTCATTGGA 100 CTTGCGTTCCAAACATTTGGTACTATTCCAACCTCAAGAGTTCATTGGA 100 *****	
TK-81mm-0_p4 BETA1229_orf20	ATTCTCATCTTTGTTTTACAATCAATCTACTAAGTGTAGTGGGTATTTT 150 ATTCTCATCTTTGTTTTACAATCAATCTACTAAGTGTAGTGGGTATTTT 150 *****	
TK-81mm-0_p4 BETA1229_orf20	GGGTCTGCAAAATCTGGGTATTTTAATGGGTTTAAACATCATCAAGAGAT 200 GGGTCTGCAAAATCTGGGTATTTTAATGGGTTTAAACATCATCAAGAGAT 200 *****	
TK-81mm-0_p4 BETA1229_o	TAGCTCTTTCTCTGGTTTTGCAAGGAGAACTATCATGGTGTTAAACCG 250 TAGCTCTTTCTCTGGTTTTGCAAGGAGAACTATCATGGTGTTAAACCG 250 *****	
TK-81mm-0_p4 BETA1229_orf20	AAGTAAGTGTTGAATTTGCGGTGGAAAAATTACTTCTTGAATTGCACTA 300 AAGTAAGTGTTGAATTTGCGGTGGAAAAATTACTTCTTGAATTGCACTA 300 *****	
TK-81mm-0_p4 BETA1229_orf20	ATAATCTCGCATTCTGGTATGATTGCTTTCTTTTATTTGCACCCAGTAGT 350 ATAATCTCGCATTCTGGTATGATTGCTTTCTTTTATTTGCACCCAGTAGT 350 *****	
TK-81mm-0_p4 BETA1229_orf20	TGTGCCATATACAGGAAGGAAGCATTATGTGATTTTGTCAACAACCTCATG 400 TGTGCCATATACAGGAAGGAAGCATTATGTGATTTTGTCAACAACCTCATG 400 *****	
TK-81mm-0_p4 BETA1229_orf20	AGAATGAAAATGGAGAATTTGAGAAGCGGAAAATACAACCTGCTACACAC 450 AGAATGAAAATGGAGAATTTGAGAAGCGGAAAATACAACCTGCTACACAC 450 *****	
TK-81mm-0_p4 BETA1229_orf20	CCTGATACTGAGAGGGTTAGGTCTATATTCCAACACATTCTTGAATCACT 500 CCTGATACTGAGAGGGTTAGGTCTATATTCCAACACATTCTTGAATCACT 500 *****	
TK-81mm-0_p4 BETA1229_orf20	GGAAAGAGAGATTAATCACCATGAACTCGAACTCGAACTCGAACTCGAAA 550 GGAAAGAGAGATTAATCACCATGAACTCGAACTCGAACTCGAACTCGAAA 550 *****	

TK-81mm-0_p4 BETA1229_orf20	GAGATGAACTTTCAAGGAGAAAACCA	TTGGAAGGAGGAGACAGATCAT	600
	GAGATGAACTTTCAAGGAGAAAACCA	TTGGAAGGAGGAGACAGATCAT	600

TK-81mm-0_p4 BETA1229_orf20	GATAAAGATAGTAGGAAGAAGCATAGTGGGGCTAAGATAACTACTAACCA		650
	GATAAAGATAGTAGGAAGAAGCATAGTGGGGCTAAGATAACTACTAACCA		650

TK-81mm-0_p4 BETA1229_orf20	TGAAGGGATGAATTGGGAAATTTTCGTTGTCGATAAACCGTGGGTTGAGT		700
	TGAAGGGATGAATTGGGAAATTTTCGTTGTCGATAAACCGTGGGTTGAGT		700

TK-81mm-0_p4 BETA1229_orf20	CCAGTTGTATATTTGGTGGGAAGATTG	TTGTTTACACTGGATTGCTCAAC	750
	CCAGTTGTATATTTGGTGGGAAGATTG	TTGTTTACACTGGATTGCTCAAC	750

TK-81mm-0_p4 BETA1229_orf20	CATTGCATCTCTGATGCTGAATTGGCTACAATTATCGCGCATCAGGTATA		800
	CATTGCATCTCTGATGCTGAATTGGCTACAATTATCGCGCATCAGGTATA		800

	Exon 1 →		
TK-81mm-0_p4 BETA1229_orf20	TAAAACTATTTCGTGGGACTCCAACCATCGGCTTAAGCTCATGGTTGATAG		850
	TAAAACTATTTCGTGGGACTCCAACCATCGGCTTAAGCTCATGGTTGATAG		850

TK-81mm-0_p4 BETA1229_orf20	AATATAAAATTATTTCTGGGACTCCAACCAAAGCTCAGGAATAGCTTTA		900
	AATATAAAATTATTTCTGGGACTCCAACCAAAGCTCAGGAATAGCTTTA		900

TK-81mm-0_p4 BETA1229_orf20	TATTCTATCAGTAGCTTGTAGTAGTTCTTTACTAGACTGCAGGAATAGAT		950
	TATTCTATCAGTAGCTTGTAGTAGTTCTTTACTAGACTGCAGGAATAGAT		950

TK-81mm-0_p4 BETA1229_orf20	AATATTTGGTTATCAATATACATGGGTGATTCCGGTTCATATTTAGGCGT		1000
	AATATTTGGTTATCAATATACATGGGTGATTCCGGTTCATATTTAGGCGT		1000

TK-81mm-0_p4 BETA1229_orf20	ATCAAATGATTTAAGATATTGTATGAAGTTATGAACTATACAAAAACAT		1050
	ATCAAATGATTTAAGATATTGTATGAAGTTATGAACTATACAAAAACAT		1050

TK-81mm-0_p4 BETA1229_orf20	GAAAGGAATTATATGAAAAAAAAAACTGATGAATTTTAGGTTATTATATT		1100
	GAAAGGAATTATATGAAAAAAAAAACTGATGAATTTTAGGTTATTATATT		1100

TK-81mm-0_p4	GCATTATGAATGTCATATGTCAATGTGGTGGTATATATTTGTTAGGTTGG	1150
BETA1229_orf20	GCATTATGAATGTCATATGTCAATGTGGTGGTATATATTTGTTAGGTTGG	1150

└─ Exon 2		
TK-81mm-0_p4	GCATGCTGTGGCTCGACATGAGGCAGAGCATTGGACAACATTGTTGTGGT	1200
BETA1229_orf20	GCATGCTGTGGCTCGACATGAGGCAGAGCATTGGACAACATTGTTGTGGT	1200

TK-81mm-0_p4	CGATACTGTTAGTGATATACATGACAATATTTCAATATCTATTTACTGCG	1250
BETA1229_orf20	CGATACTGTTAGTGATATACATGACAATATTTCAATATCTATTTACTGCG	1250

TK-81mm-0_p4	CCTGAATTTGCCAATGCAATATCAAAACTACTCTCAAGGCATCCTCTGTT	1300
BETA1229_orf20	CCTGAATTTGCCAATGCAATATCAAAACTACTCTCAAGGCATCCTCTGTT	1300

TK-81mm-0_p4	GCAAAAAGTAAGTCTCTTACTCTTAAAATGTTTTCTTGATGATTAACAAAC	1350
BETA1229_orf20	GCAAAAAGTAAGTCTCTTACTCTTAAAATGTTTTCTTGATGATTAACAAAC	1350

Exon 2 ─┐		
TK-81mm-0_p4	ATGTGGTACTGCTACTGCATAACTGTGTTACTGCATCACATATGTTACTG	1400
BETA1229_orf20	ATGTGGTACTGCTACTGCATAACTGTGTTACTGCATCACATATGTTACTG	1400

TK-81mm-0_p4	CATAATTGCAAAACATATCACATTGCCCGGACCTAGTAAC TTGTTTCATT	1450
BETA1229_orf20	CATAATTGCAAAACATATCACATTGCCCGGACCTAGTAAC TTGTTTCATT	1450

TK-81mm-0_p4	TGTCAGCGATTTTCATTTAGACATCCATTTGAGAGCAAGTTAAATTTGTAT	1500
BETA1229_orf20	TGTCAGCGATTTTCATTTAGACATCCATTTGAGAGCAAGTTAAATTTGTAT	1500

TK-81mm-0_p4	CAAGTTGTGGAATGAAAAAGTAATAGAACTAAATAGAGAGGTGTGATGCT	1550
BETA1229_orf20	CAAGTTGTGGAATGAAAAAGTAATAGAACTAAATAGAGAGGTGTGATGCT	1550

TK-81mm-0_p4	AACAAAATCTAATCCATTACTGAGTAATGGTTTTGGATCAATATATGGAT	1600
BETA1229_orf20	AACAAAATCTAATCCATTACTGAGTAATGGTTTTGGATCAATATATGGAT	1600

TK-81mm-0_p4	TGCTATATTCACATATTCTATACTTTGCCGCAGATAACATTAAATTGAT	1650
BETA1229_orf20	TGCTATATTCACATATTCTATACTTTGCCGCAGATAACATTAAATTGAT	1650

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