

A7\_(82708220323) -GACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
A9\_(84087220504) CGACTCTCGGCAACGGATATCTcGGCTCTcGctACGATGAAGAACGCAGCGAAATGCGAT  
A3\_(82701220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
A6\_(82704220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
A8\_(83919220502) --ACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
A5\_(82703220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
A4\_(82702220323) aGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P10\_(82716220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P8\_(82714220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P5\_(82711220323) -GACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P4\_(82710220323) -GACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P9\_(82715220323) -GACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P6\_(82712220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P3\_(82709220323) --ACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT  
P7\_(82713220323) CGACTCTCGGCAACGGATATCTTGGCTCTTGCAACGATGAAGAACGCAGCGAAATGCGAT

A7\_(82708220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
A9\_(84087220504) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAgTCTTTGAACGCAACTCGCGCCCG  
A3\_(82701220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
A6\_(82704220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
A8\_(83919220502) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
A5\_(82703220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
A4\_(82702220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P10\_(82716220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P8\_(82714220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P5\_(82711220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P4\_(82710220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P9\_(82715220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P6\_(82712220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P3\_(82709220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG  
P7\_(82713220323) ACGTAGTGTGAATTGCAGAAATCCGCGAATCATCGAATCTTTGAACGCAACTCGCGCCCG

A7\_(82708220323) AGGGCTCGCctGAGGaCATGTtTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A9\_(84087220504) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A3\_(82701220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A6\_(82704220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A8\_(83919220502) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A5\_(82703220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
A4\_(82702220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P10\_(82716220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P8\_(82714220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P5\_(82711220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P4\_(82710220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P9\_(82715220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P6\_(82712220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P3\_(82709220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC  
P7\_(82713220323) AGGGCTCGCCCAGGGGCATGTCTGCCTGAGCGTCCTTACAAATCCTACGCCGCCTCCCC

A7\_(82708220323) CaCcGGGGGAGCGGCGGAtGTGgtCGTCCGGAACCTCCaGAGCaCGCGGtGaCTGA  
A9\_(84087220504) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
A3\_(82701220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCTcGGAGCGtgCGGTcGGCTGA  
A6\_(82704220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCTcGGAGCGtgCGGTcGGCTGA  
A8\_(83919220502) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCTcGGAGCGtgCGGTcGGCTGA  
A5\_(82703220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCTcGGAGCGtgCGGTcGGCTGA  
A4\_(82702220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P10\_(82716220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P8\_(82714220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P5\_(82711220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P4\_(82710220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P9\_(82715220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P6\_(82712220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P3\_(82709220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA  
P7\_(82713220323) CGCGGGGGGAGCGGCGGACGTGGCCGTCCGCGAACCTCCGGAGCGCGGTCGGCTGA

A7_(82708220323)	AATGCATCGGCGGCATCGAGCGGCaAGACGAGTCGCaGGGGTGGTCCTTCACCTGtTGcA
A9_(84087220504)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGcA
A3_(82701220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGaA
A6_(82704220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGcA
A8_(83919220502)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGcA
A5_(82703220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGgA
A4_(82702220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGtTGgA
P10_(82716220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P8_(82714220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P5_(82711220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P4_(82710220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P9_(82715220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P6_(82712220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P3_(82709220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA
P7_(82713220323)	AATGCATCGGCGGCACCGAGCGGCGAGACGAGTCGCGGGGGTGGTCCTTCACCCGCTGTA

A7_(82708220323)	AGCCCCCTCgCGgGt-----
A9_(84087220504)	AGCCCCCTCgCGgG-----
A3_(82701220323)	AGCCCCCTCgC-----
A6_(82704220323)	AGCCCCCTCgC-----
A8_(83919220502)	AGCCCCCTCggGg-----
A5_(82703220323)	AGCCCCCTCggG-----
A4_(82702220323)	AGCCCC-----
P10_(82716220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P8_(82714220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P5_(82711220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P4_(82710220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P9_(82715220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P6_(82712220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P3_(82709220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG
P7_(82713220323)	AGCCCCCTCTCGCGGGGGCTTGCGGCGGTGCGGGCCGTCCGCCACGGTGCGAAGCTAGAG

A7_(82708220323)	-----
A9_(84087220504)	-----
A3_(82701220323)	-----
A6_(82704220323)	-----
A8_(83919220502)	-----
A5_(82703220323)	-----
A4_(82702220323)	-----
P10_(82716220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P8_(82714220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P5_(82711220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P4_(82710220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P9_(82715220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P6_(82712220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P3_(82709220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC
P7_(82713220323)	AGGGCTTTAGGGTGCGCCTCGCGCGCTCCCTCCTACACTGGACCTCAGATCAGGCAAGGC

A7_(82708220323)	-----
A9_(84087220504)	-----
A3_(82701220323)	-----
A6_(82704220323)	-----
A8_(83919220502)	-----
A5_(82703220323)	-----
A4_(82702220323)	-----
P10_(82716220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACCTGG-----
P8_(82714220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACCTGGTC---
P5_(82711220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACCTG-----
P4_(82710220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACCTG-----
P9_(82715220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACCTGGTCa--
P6_(82712220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAAC-----
P3_(82709220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACtg-----
P7_(82713220323)	TACCCGCTGAGTTTAAGCATATAACTAAGCGGAGGAAAAGAAACtgGtcatag