		${\tt gtggctgagattgctttggtacggtggctgaccttgccagtgccagtgggtccatgtcc}$
${\rm rho}2216{\rm t}1{\rm t}2{\rm s}4{\rm a}~2.2$	cell 10	eeceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		ecceeeece teeceeeeceeeeceeeeceeeeceeeec
		et ee e
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4a	cell 13	eccececececececececececececececececece
		ecceccecceccecceccecceccecceccecceccecc
		eccececececececececececececececececece
		ecceeceece tecceccececeeceeceeceeceeceeceeceeceecee
		et ee e
		eeceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4am1	cell 8	eccececececececececececececececececece
		eccececececececececececececececececece
		eccececececececececececececececececece
		ecceeceects ecceeceeceeceeceeceeceeceeceeceeceeceec
		etsee e e e e e e e e e e e e e e e e e
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4am2	cell 9	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eccececececececececececececececececece
		eccececececececececececececececececece
		$eccecece et {\color{red} seccececececececececececececececececece$
		$et {\color{red} s} ee ee$
		eccececececececececececececececececece
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
${\rm rho}2216t1t2s4ad +$	cell 10	eccececececececececececececececececece
		ecceccecceccecceccecceccecceccecceccecc
		ecceccecceccecceccecceccecceccecceccecc
		eccececect eccececececececececececececec
		et e e e e e e e e e e e e e e e e e e
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
${\rm rho}2216t1t2s4ad +$	cell 13	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee

		eccecceccitecceccecceccecceccecccccccccc
		et ee e
		eecceeecceeecceeecceeecceeecceeecceee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4am1d+	cell 8	ecceececececececececececececececececec
		ecceccecceccecceccecceccecceccecceccecc
		ecceececececececececececececececececec
		$ecceeecets \\ ecceeeceeceeceeceeceeceeceeceeceeceecee$
		etseeeeseeedeeeeeeeeeeeeeeeeeeeeeeeeeee
		eccececececececececececececececececece
		000000000000000000000000000000000000000
rho2216t1t2s4am2d+	cell 9	ccccccscccccccccccccccccccccccccccccccc
11102210010281011124	con o	P9999999999999999999999999999999999999
		999999999999999999999999999999999999999
		eccepcecetsecceccecceccecceccecceccecceccecceccecc
		etseeeeeeedeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		attcccgtcgatccaaagatattctcaatcccctttttgaatcaacaagtaaaatatttcaaaaattgccgacaattcccctcgtattaattcccgtcgatcaaagatattcccaaagataattcccctcgtattaattcccgtcgatcaaagataattcccaaagataaaatatttcaaaaaattgccgacaattcccctcgtattaattcccgtcgatcaaagataaaatatttcaaaaaattgccgacaattcccctcgtattaattcccgtcgatcaaagataaaatatttcaaaaaattgccgacaattcccctcgtattaattcccgtcgatcaaagataaaaatatttcaaaaaattgccgacaattcccctcgtattaattcccgtcgatcaaaaaatattcccaaaaaaatattcccctcgtattaaaaaaatattcccaaaaaaaa
		ccgtcccgcatcccaacacgcatacttcccaggcattttcccaaatcgagagaaaacccaaagaaataacccaagagaaacagaacagaacagaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaacagaacagaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaaacagaacaac
		cagagcgtcgagtcaaggctctcttcaatttagctttgaatttgctgtattttcgttttgcagccgccgctgccgc
$1PE \ 0.87$	cell 5	eeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeccee
		eccceecccecccccccccccccccccccccccccccc
		099999999999999999999999999999999999999
1PE	cell 6	000000000000000000000000000000000000000
		ececececececececececececececececececec
		0.0000000000000000000000000000000000000
1PEm1	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
11 151111	cen o	eeeeeeeeeeeeeeeeeeeeeetseeeeeeeeeeeeeee
1PEm2	cell 9	ecceccecceccecceccecceccecccccccccccccc
11 EIII2	cen 9	
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1DE4 :	cell 5	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEd+	cen 5	eeeceeeeceeeeceeeceeeceeeceeeceeeceeeceeeceeeceeeceeeceeeceeeceeceeceeceeeceeecee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
4DD 1	11.0	666666666666666666666666666666666666666
1PEd+	cell 6	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ececececececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEm1d+	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEm2d+	cell 9	ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee

cagagegtegagteaaggeteetetteaatttagetttgaatttgetgtattttegttttgeageegeegetgeegeaatteeegtegatee aaagatatteteaateecetttttgaateaacaagtaaaatattteaaaaattgeegacaatteecetegtatteeegeateee aacaegeatactteeeaggeatttteeeaaategagagaaaacecaaagaataacecaagagaaaacagaaaaateeagagegtegagtea aggeteetetteaatttagetttgaatttgetgtattttegttttgeageegeegetgeegetegagaaaategaaateeeegeegeet

## 2PE 1.7 cell 5

#### 2PE cell 6

#### 2PEm1 cell 8

## 2PEm2 cell 9

## 2PEd+ cell 5

		1
		eccecececececececececececececececececece
		000000000000000000000000000000000000000
		ecceccecceccecccccccccccccccccccccccccc
		eececececececececececececececececececece
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEd+	cell 6	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececeecececececececececececececece
		ecceeeeceeeeceeeeceeeeceeeeeeeeeeeeee
		ecceeccececcececcececceccecceccecceccec
2PEm1d+	cell 8	ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eccececececececececececececececececece
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEm2d+	cell 9	ecceececececececececececececececececec
		eceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		ecceececececececececececececececececec
		ecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeecceeeccee
		eccee
		eccececececececececececececececececece
		eececececececececececececececececececece
		attecceg tegate caa agatat tete caate ce cettitiga at caa caa gaa aa atatte caa aa attecceg acaat te ce cete gaa te caa caa gaa aa atatte caa aa attecceg acaat te ce ce cettitiga at caa caa gaa aa atatte caa aa attecceg acaa te ce cettitiga at caa caa gaa aa atatte caa aa attecceg acaa te ce ce cettitiga at caa caa gaa aa atatte caa aa attecceg acaa te ce
		ccgtccgcatcccaacacgcatacttcccagggattttcccaaatcgagggaaaacccaaagaataacccaagagaaacagaaaaatcc
		agaggtcgagtcaaggctctcttcaatttagctttgaatttgctgtattttcgttttgcagccgccgctgccgc
		agagegiegagieaaggeieieiieaaiiiiageiiiigaaiiiigeigiaiiiiiiegiiiiiigeageegeegeege
1PEe 0.91	cell 7	ecceccecceccecccccccccccccccccccccccccc
11 LC 0.91	ccii i	eeeeeeeeeeeeeeeesesesessessessessessess
1PEe	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
ir Ee	cen o	eccecececececececececececececececececece
		eccecececececececececececececececececece
1DE1	0.11.0	eccecececececececececececececececececece
1PEem1	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceccecceccecceccecceccccccccccccccccc
		eccececcececcecccccccccccccccccccccccc

cell 9	eccecceccecceccecceccecceccecccccccccc
cell 7	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 8	eccecceccecceccecceccccccccccccccccccc
cell 8	ecceccecceccecceccecceccecceccecceccecc
cell 9	eccecceccecceccecceccecceccecccccccccc
	at cctgggaaaacccgagatgatcctgggaaaacccgacctgggaaaacccgagatcgagatcctggaaaacccgagatcgagatcgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaaacccgagaaaaacccgagaaaaacccgagaaaaaa
cell 5	ee
cell 6	ee
cell 8	eeeeeedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 9	eeeeeedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 5	eeeeeedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 6	eeeceedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 8	eeeteedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
cell 9	eeeteedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
cell 1 cell 2 cell 8 cell 9 cell 1 cell 2	eeeeeeeeeetseeeeetseeeeeetseeeeeeeeeee
	cell 7  cell 8  cell 8  cell 9  cell 5  cell 6  cell 8  cell 9  cell 5  cell 6  cell 8  cell 9  cell 1  cell 2  cell 8  cell 9  cell 1

6xEtPLZm1d+ 6xEtPLZm2d+	cell 8 cell 9	eccecececetseccecetseccecececececececece
		agcttttcctctgctcaaaatcaaaatgattaaaacaacagtttgatacgaattttaattcccctttttgctgcggagtcagttaagtggtcgctttcaggactcagggcatcatccagatcgcacgatcccatttgcatctgccttctcagaagctgcttgaaagacgcgcccctgggatgattagtgctaagatccttgggcaggatggaaaaatgggaaaacatgcggtgggaaaaacacacac
		caagtggcggcggaatttcctgattcgcgatgccatgaggcactcgccaagcttgacgcgttgttttgggggaaattcccgggcgagccaggaatcaacgtcctgtcctgcgtgggaaaagcccacgtcctacccacgcccactcggttacctgaattcgagctcgagtgttttgtggctgagattgctttggtacggtggctgaccttgccagtgccagtggtccatgtcc
rho2216t1t2s4a 2.2	cell 10	ec
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeteeeeeeeeeeeeeeeeeeeeeeeeeeee
		et ee e
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4a	cell 13	eecceecececececececececececececececece
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeteeeeeeeeeeeeeeeeeeeeeeeeeeee
		et ee e
		ecceececececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4am1	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceccecceccecceccecceccecceccecceccecc
		eeccececececececececececececececececec
		eecceeceetseecceecececececececececececec
		etseeeeseeedeeeeeeeeeeeeeeeeeeeeeeeeeee
		eecceecceccecceccecceccecceccccccccccc
l 001 <i>C</i> +1+0-40	11 0	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4am2	cell 9	eccceeescececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eccececececececececececececececececece
		etseeeeeeedeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceccecceccecceccecceccecceccecceccecc
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
rho2216t1t2s4ad+	cell 10	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeteeeeeeeeeeeeeeeeeeeeeeeeeeee
		et ee e
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee

		eccecceccecceccecceccecccccccccccccccc
rho2216t1t2s4am1d+	cell 8	eccecceccecceccecceccecceccecccccccccc
rho2216t1t2s4am2d+	cell 9	ecceccescecceccecceccecceccecccccccccc
		attcccgtcgatccaaagatattctcaatcccctttttgaatcaacaagtaaaatatttcaaaaattgccgacaattcccctcgtatccgtcccgcatcccaacacgcatacttcccaggcattttcccaaatcgagagaaaacccaaagaataacccaagagaaacagaacagagctgagtcgagtcaaggctctcttcaatttagctttgaatttgctgtattttcgttttgcagccgccgctgccgc
1PE 0.87	cell 5	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PE	cell 6	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEm1	cell 8	ececececececececececececececececececec
1PEm2	cell 9	ceccececececececececececececececececec
1PEd+	cell 5	ececececececececececececececececececec
1PEd+	cell 6	eccecceccecceccecceccecceccecccccccccc

1PEm1d+ cell 8 1PEm2d+cell 9 attcccgtcgatccaaagatattctcaatcccctttttgaatcaacaagtaaaatatttcaaaaattgccgacaattcccctcgtattccccgtcccgcatcccaacacgcatacttcccaggcattttcccaaatcgagagaaaacccaaagaataacccaagagaaacagaaaaatccagagcgtcgagtcaaggctctcttcaatttagctttgaatttgctgtattttcgtttttgcagccgccgctgccgcaattcccgtcgatcca a agatatte te a at cecettt tt gaat caa caagtaa aat at tte caa aat tgeega caattee cetegt at tee cegetee ege at cees a comment of the commeaacacgcatacttcccaggcattttcccaaatcgagagaaaacccaaagaataacccaagagaaaacagaaaatccagagcgtcgagtca aggetetetteaatttagetttgaatttgetgtattttegttttgeageegeegetgeegetegagaaaategaaateeeeegeegeetgcagcgaatggccgtcgagcagccgcaaaatgtcaatttgagcaatggccggaag 2PE 1.7cell 5 <del>^</del> eccesere eccesered in the contract of the coecceperate temperate tem2PEcell 6 eccesere eccesered in the contract of the co2PEm1 cell 8 2PEm2 cell 9 

		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEd+	cell 5	ecceececececececececececececececececec
		ee
		ecceececececececececececececececececec
		ecceececececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		ecceececececececececececececececececec
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEd+	cell 6	ecceccecceccecceccecceccecceccecceccecc
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		ecceccecceccecceccecceccecceccecceccecc
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEm1d+	cell 8	eecceeecceeecceecceecceecceecceecceecc
		eecceeeeceeeeeeeeeeeeeeeeeeeeeeeeeeee
		eecceeecceeecceeecceeecceeecceeecceee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eecceeecceeecceeecceeecceeecceeecceee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeceeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
2PEm2d+	cell 9	ecceeeceeeceeeceeceeceeceeceeceeceeceec
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceececececececececececececececececec
		ecceececececececececececececececececec
		ee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		attcccgtcgatccaaagatattctcaatcccctttttgaatcaacaagtaaaatatttcaaaaattgccgacaattcccctcgtattcc
		ccgtcccgcatcccaacacgcatacttcccagggattttcccaaatcgagggaaaacccaaagaataacccaagagaaacagaaaaatcc
		agagcgtcgagtcaaggctctcttcaatttagctttgaatttgctgtattttcgttttgcagccgccgctgccgc
1DEc 0.01	cell 7	000000000000000000000000000000000000000
1PEe 0.91	cen i	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEe	0011 0	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
ire	cell 8	eecceeccececcececcecceccecccccccccccccc

		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEem1	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEem2	cell 9	eccececececececececececececececececece
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEed+	cell 7	ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEed+	cell 8	eccececececececececececececececececece
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEem1d+	cell 8	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
1PEem2d+	cell 9	ecceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
		eccceeccceeccceeccceectsceeccceeccceecc
		eccceeccceccccccccccccccccccccccccccccc
		at cctgggaaaacccgagatgatcctgggaaaacccgacctgggaaaacccgagatcctgggaaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctgggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgagatcctggaaaaacccgaaacccgagatcctggaaaaacccgagatcctggaaaaacccgaaacccgaaaaacccgaaaaacccgaaaaacccgaaaaacccgaaaaaa
6xdlPLZ $5.4$	cell 5	ececeedecececececececececececececececec
6xdlPLZ	cell 6	eeeceedeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
6xdlPLZm1	cell 8	eeeceedeeeceeceeceeceeceeceeceeceeceecee
6xdlPLZm2	cell 9	ee
6xdlPLZd+	cell 5	ecceede ecce
6xdlPLZd+	cell 6	ee
6xdlPLZm1d+	cell 8	ecceedeeceeeeeeeeeeeeeeeeeeeeeeeeeeeee
6xdlPLZm2d+	cell 9	ee
		aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
6xEtPLZ 0	cell 1	ecececececetsececettsececececececececece
6xEtPLZ	cell 2	eccecececeetsecceetseccecetseccecececece

6xEtPLZm1	cell 8	eeeeeeeeeets eeeeeeets eeeeeeeeeeeeeeee
6xEtPLZm2	cell 9	eeeeeeeeeetseeeeeetseeeeeeeeeeeeeeeeeee
6xEtPLZd+	cell 1	eeeeeeeeeets eeeeeeets eeeeeeeeeeeeeeee
6xEtPLZd+	cell 2	eeeeeeeeeets eeeeeeets eeeeeeeeeeeeeeee
6xEtPLZm1d+	cell 8	eeeeeeeeeets eeeeeeets eeeeeeeeeeeeeeee
6xEtPLZm2d+	cell 9	eeeeeeeeeetseeeeeetseeeeeeeeeeeeeeeeeee

 ${\tt gggtgaggctgggagtgttacacgtgttatgcacagtagcaggtattggttagaatgagataagctgctgtaacaaatagac}$ ggagggatagcatgaggccagtaatttgaaaccagcctaggcaacatagcaagaccctgtctctataagagaaaaattttta  ${\it tcactgcaacctccacttcccggtttcaagtgattcttgtgcctcagcctcccaagtagctgggattacaggcatgtgtcaccgt}$ gaggaattgeccettgeagageggggetaccecacaggeagtgtgeccagaagageageccagaggeageaetgetgteata gaa agt ggt gct aaggt ccg agt gt t gccat ggcaat ggt aaact gat ac ggt ac act ggt gg t gt gt ct tat ggaa aact gat ag gt gegen gegencct agacct gttt cag ccag tcct cag tt t gg tcct g tg ta caa g ccct g cct cct acct cag tag g g tag g g cact g g g cag a galler of the contract of the contract can be a good for the contr ${
m gagaaagcagaggccaggcgtggtggctcatgcctgtaatcccagcactttctgatcaagtggatcacctgaggtcaggatcacctgagatcacctgagatcacc$ agcaetttgggaggetgaggtgggtggateatetgaggteaggaatteaggaceageetggeeaacatggegaaaceecate aaatacaa

# $C5AR1_upstream_5kb0.51$ cell 7

eeeeeeeee

 $C5AR1_upstream_5kb$ 

cell 8

eccececeteccetecces eeeeeeee

 $C5AR1_upstream_5kbm1$  cell 8

eeeeeeee

 $C5AR1_upstream_5kbm2$  cell 9

ecceeeceet ecceeeceseceeceeceeceeceeceeceeced ecceeeceeceeceeceeceeceeceeceecee eccecececececeseces 

 $C5AR1_upstream_5kbd+$  cell 7

eccepce et eccepce eeeeeeeee

 $C5AR1_upstream_5kbd+$  cell 8

 $C5AR1_upstream_5kbm1d+$  cell 8

eeeeeeee

 $C5AR1_upstream_5kbm2d+$  cell 9

eeeeeeee

tgaacacaactttcaatgagaagcctattattcagattgtccatctgtcatggtaatttgttgccctggtcctaaagttgtgattgaaat ${
m tga atttttccttta aggetg tactgggcatttg tgactttc agttgccctggcaacagcacatcctccccacactgaataatactgatg}$ cgtggtggcatgtgcctgtagtcccagctactcaggaggctgaggcaggagaatcacttgaacccaggaggcagaggctgcagtgagctgagatgg caccactg tactc cag cctggg cga cag ag cat ctgtgt caaaaaaaaccccaaaaaacaaaaacatg caaataaag taaaacacacactg cacactgg ${\it gggtgaggctgggagtgttacacgtgttatgcacagtagcaggtattggttagaatgagataagctgctgtaacaaatagaccccctgc}$ tgcccagccaacaatggcttaaaaaagagagtttatggctgggcaaggtggttcatgcctgtaatcccagcactttgaaaggctgaggtgggagggatagcatgaggccagtaatttgaaaccagcctaggcaacatagcaagaccctgtctctataagagaaaaatttttaaaaattag ${
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 $C5AR1_upstream_5kbb0.51$  cell 7

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 $C5AR1_upstream_5kbb$ 

cell 8

 $C5AR1_upstream_5kbbm1$  cell 8

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 $C5AR1_upstream_5kbbm2$  cell 9

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 $C5AR1_upstream_5kbbd+$  cell 7

 $C5AR1_upstream_5kbbd+$ 

cell 8

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 $C5AR1_upstream_5kbbm1d+$  cell 8

 $C5AR1_upstream_5kbbm2d+$  cell 9

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tgcccagccaacaatggcttaaaaaagagagtttatggctgggcaaggtggttcatgcctgtaatcccagcactttgaaaggcaaggcaaggtggttcatgcctgtaatcccagcactttgaaggcaaggcaaggtggttcatgcctgtaaggcaggagggatagcatgaggccagtaatttgaaaccagcctaggcaacatagcaagaccctgtctctataagagaaaaattttta gtgggettggtgatgtgtgtetacagteteagtattggggettageetgggagggttettgaetttgeeeatgtaagaatteaat cactg caac ctc cactt c ccg gtt t caag t gat t ctt g t g c ctc caag t ag ct g g gat t a cag g cat g t g t cac g t g cac g ctc caag t ag ct g g g at t a cag g cat g t g cac g t g cac g ctc caag t ag ct g cac g ctc caag t ag ctc g ctc caag t ag ctc g cac g ctc caag t ag ctc g cac g ctc caag t ag ctc g ctc g ctc caag t ag ctc g ctc g ctc caag t ag ctc g ctc ggeta at gttttgtggaggtgaagttte accat gttgetggetggtettgaatte etggette aagtgate caeceae ctegggetget getaggetgget geget geget getagget geget gegetgatgetgggattacatgcatgagtcaccgtgtctggctcagtggtgttaaatagcaacttttactgaagcctcagtgcacagctgaggaattgccccttgcagagcggggctaccccacaggcagtgtgcccagaagagcagcccagaggcagcactgctgtcata  ${\it cacttttaattatatgcaaatcaaggggcagtttatgcaaaaatttctaggatgaggtggtaatttccagtcaccgggtcatt}$ gaa agt ggt gct aaggt ccg agt gt t gccat ggcaat ggt aaact gat ac ggt ac act ggt gg t gt gt ctt at ggaa aact gat ag gt gegen gegencct agac et gttt cag ccag te ct cag tt t gg te ct gt gt ac ag ce et get ce ta ce te ag tag gg tag gg cae t gg ge ag a comment of the commentgactcccattccaggccccagctcctggaggacatttcgaacacaccgtgagggggaagggaagctgctgtgtgaaggta gtcctggcaggttcatcacctgctgactaaagagcccttgggccctgaataatcagcagcggtggccaggccaggtggttcac gccttaggtgagactcaaacgtgatggcttcaggtggaacctggcacattcccggctgtggtggctacatgggagagactcct gagaaagcagagaggccaggcgtggtggctcatgcctgtaatcccagcactttctgatcaagtggatcacctgaggtcagga agcaetttgggaggetgaggtgggtggateatetgaggteaggaatteaggaceageetggeeaacatggegaaaceecate aaatacaa

#### $C5AR1_upstream_5kb0.51$ cell 7

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cell 8

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 $C5AR1_upstream_5kbm1$  cell 8

 $C5AR1_upstream_5kbm2$  cell 9

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 $C5AR1_upstream_5kbd+$  cell 7

 $C5AR1_upstream_5kbd+$  cell 8

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 $C5AR1_upstream_5kbm1d+$  cell 8

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 $C5AR1_upstream_5kbm2d+$  cell 9

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 $C5AR1_upstream_5kbb0.51$  cell 7

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 $C5AR1_upstream_5kbb$  cell 8

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 $C5AR1_upstream_5kbbm1$ 

cell 8

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 $C5AR1_upstream_5kbbm2$  cell 9

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 $C5AR1_upstream_5kbbd+$  cell 7

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 $C5AR1_upstream_5kbbd+$  cell 8

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 $C5AR1_upstream_5kbbm1d+$  cell 8

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 $C5AR1_upstream_5kbbm2d+$  cell 9

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