

	1							70
<i>rop6</i>	ATG.....A	GC.....	.....	.....G	tgaCcaaGTT	CATcAAGTGC	GTCACgGTgG	
<i>rop7</i>	ATG.....A	GC.....	.....	.....G	tgaCcaaGTT	CATcAAGTGC	GTCACgGTgG	
<i>rop3 (racC)</i>	ATG.....A	GCgcggcggc	agcggcgggcg	gcbgagctcgG	tcaCcaaGTT	CATcAAGTGC	GTCACgGTcG	
<i>rop1 (racA)</i>	ATGgcgtcca	GC.....	.....	.....G	cctCctcgGTT	CATcAAGTGC	GTCACgGTcG	
<i>rop8</i>	ATGgcctcca	GC.....	.....	.....G	cctCctcgGTT	CATcAAGTGC	GTCACgGTcG	
<i>rop5</i>	ATGgcctcca	GC.....	.....	.....G	cctCccgGTT	CATcAAGTGC	GTCACaGTgG	
<i>rop4 (racD)</i>	ATG.....A	GC.....	.....	.....G	cgtCctcgGTT	CATcAAGTGC	GTCACcGTgG	
<i>rop9</i>	ATG.....A	GC.....	.....	.....G	cgtCcagGTT	CATaAAGTGC	GTCACgGTcG	
<i>rop2 (racB)</i>	ATG.....A	GC.....	.....	.....G	cgtCcagGTT	CATaAAGTGC	GTCACgGTcG	
	71							140
<i>rop6</i>	GcGAcGGcGC	gGTgGGcAAG	ACcTGcATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CgGAcTAcA	T
<i>rop7</i>	GgGAcGGcGC	gGTgGGcAAG	ACcTGcATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CgGAcTAcA	T
<i>rop3 (racC)</i>	GcGAtGGgGC	cGTcGGgAAG	ACcTGcATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CgGAcTAcA	T
<i>rop1 (racA)</i>	GcGAcGGtGC	cGTgGGcAAG	ACaTgTATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CtGAcTAcA	T
<i>rop8</i>	GcGAcGGtGC	cGTgGGcAAG	ACaTgTATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CtGAcTAcA	T
<i>rop5</i>	GgGAcGGcGC	cGTgGGaAAG	ACcTGcATGC	TCATcTgCTA	CACcagCAAC	AagTTCCCCA	CtGAcTAcA	T
<i>rop4 (racD)</i>	GgGAcGGtGC	cGTcGGaAAG	ACcTGcATGC	TCATcTcCTA	CACcagCAAC	AagTTCCCCA	CtGAcTAcA	T
<i>rop9</i>	GgGAcGGcGC	cGTcGGcAAG	ACcTGcATGC	TCATtTcCTA	CACcagCAAC	AccTTCCCCA	CcGAcTAcA	T
<i>rop2 (racB)</i>	GgGAcGGcGC	cGTcGGcAAG	ACcTGcATGC	TCATcTcCTA	CACcagCAAC	AccTTCCCCA	CcGAcTAcA	T
	141							210
<i>rop6</i>	cCCcACgGTg	TTcGAcAAcT	TCAGcGcAA	cGTctccGTg	GacGGcAgcA	tcGTcAAcct	gGGcCTcTGG	
<i>rop7</i>	cCCcACgGTg	TTcGAcAAcT	TCAGcGcAA	cGTctccGTg	GacGGcAgcA	tcGTcAAcct	gGGcCTcTGG	
<i>rop3 (racC)</i>	cCCcACgGTg	TTcGAcAAcT	TCAGcGcAA	tGTctccGTg	GgtGGgAgcA	tcGTcAAcct	gGGcCTcTGG	
<i>rop1 (racA)</i>	aCCtACgGTg	TTcGAcAAcT	TCAGtGcAA	tGTgattGTg	GatGGcAcca	ctGTgAattT	gGGcCTtTGG	
<i>rop8</i>	aCCcACgGTg	TTcGAcAAcT	TCAGtGcAA	tGTgattGTg	GatGGcAcca	cgGTgAattT	gGGcCTgTGG	
<i>rop5</i>	aCCcACgGTg	TTcGAcAAcT	TCAGtGcAA	cGTggtatGTg	GacGGtAcca	cgGTgAattT	gGGcCTtTGG	
<i>rop4 (racD)</i>	tCCcACtGTg	TTcGAcAAcT	TCAGtGcAA	tGTtgtgGtT	GacGGgAgcA	ctGTcAAcct	gGGcCTgTGG	
<i>rop9</i>	tCCgACgGTg	TTtGAcAAcT	TCAGtGcAA	cGTtgtgGtT	GatGGtAaca	ctGTcAAcct	cGGcCTcTGG	
<i>rop2 (racB)</i>	tCCgACaGTg	TTtGAcAAcT	TCAGtGcAA	cGTtgtgGtT	GatGGtAata	ctGTcAAcct	cGGcCTcTGG	
	211							280
<i>rop6</i>	GAcACcGCgG	GgCAaGAgGA	cTACAgcaGg	cTgcGgCCgc	TgAGCTAcag	gGGcGCgGac	GTgTTcgTgC	
<i>rop7</i>	GAcACTGCaG	GaCAaGAgGA	cTACAgcaGg	tTgcGgCCac	TgAGCTAcag	gGGcGCgGac	GTgTTcgTgC	
<i>rop3 (racC)</i>	GAcACgGCaG	GcCAgGAgGA	tTACAgcaGg	tTgaGgCCtc	TcAGCTAcag	gGGtGCtGat	GTgTTcaTcC	
<i>rop1 (racA)</i>	GAtAcCGcTg	GgCAgGAaGA	tTACAaccGc	cTgaGgCCtc	TaAGCTAccg	aGGtGCaGat	GTtTTcgTgC	
<i>rop8</i>	GAtAcCGcCaG	GgCAgGAaGA	tTACAaccGc	cTgaGgCCtc	TaAGCTAccg	tGGtGCaGat	GTtTTcgTgC	
<i>rop5</i>	GAtAcTGCaG	GgCAgGAaGA	tTACAacaGa	cTgaGgCCac	TgAGCTAccg	cGgaGCaGat	GTgTTcgTgC	
<i>rop4 (racD)</i>	GAtAcAGcCaG	GaCAaGAaGA	tTACAataGa	cTgcGtCCgt	TgAGCTAtcG	tGGtGCtGat	GTtTTtTgC	
<i>rop9</i>	GAcACTGCaG	GtCAaGAgGA	tTACAacaGa	cTgaGcCCac	TgAGCTAtcG	tGgaGCtGat	GTtTTtTtC	
<i>rop2 (racB)</i>	GAcACTGCaG	GtCAaGAgGA	tTACAacaGa	cTgaGcCCac	TgAGCTAtcG	tGgaGCtGat	GTtTTtTtC	
	281							350
<i>rop6</i>	TggCcTtTC	ccTgaTcAgc	aggGcAGCT	AcGAGAAcgt	tcttAAGAAG	TGGgTgCCaG	AgcTtcgcag	
<i>rop7</i>	TggCcTtTC	ctTgaTcAgc	aggGcAGCT	AtGAGAAcgt	ccttAAGAAG	TGGgTgCCaG	AgcTtcgcag	
<i>rop3 (racC)</i>	TctCcTtTC	ccTggTcAgc	aggGcAGCT	AtGAGAAcgt	cctgAAGAAG	TGGaTgCCaG	AgcTtcgcag	
<i>rop1 (racA)</i>	TtgCaTtTC	acTtgTgAgc	cgaGctAGCT	AtGAGAataT	catgAAGAAG	TGGaTaCCaG	AgcTtcaaca	
<i>rop8</i>	TtgCaTtTC	acTtgTgAgc	cgaGctAGCT	AtGAGAataT	catgAAGAAG	TGGaTaCCgG	AgcTtcaaca	
<i>rop5</i>	TcgCcTtTC	gcTtgTcAgc	cgaGctAGCT	AcGAGAAcgt	tatgAAGAAG	TGGcTaCCgG	AgcTtcaaca	
<i>rop4 (racD)</i>	TcgCcTtTC	tcTtaTcAgc	aaaGcAGCT	AtGAGAAcgt	ctctAAGAAG	TGGgTtCCtG	AatTaaggca	
<i>rop9</i>	TggCcTtTC	acTgaTcAgc	aaaGcAGCT	AtGAGAAcgt	ttcgAAGAAG	TGGaTaCCtG	AacTgaagca	
<i>rop2 (racB)</i>	TggCcTtTC	acTgaTcAgc	aagGcAGCT	AtGAGAAcgt	ttcgAAGAAG	TGGaTaCCtG	AacTgaagca	
	351							420
<i>rop6</i>	aTtcgCgCcc	aacGTcCCgg	TcgTtcTtGt	tGGgACcAAG	tTaGATCTcC	GcGAccAcAg	agccTaccTc	
<i>rop7</i>	aTtcgCgCcc	gacGTcCCgg	TcgTtcTtGt	cGGgACcAAG	tTaGATCTcC	GtGAccAcAg	ggccTaccTt	
<i>rop3 (racC)</i>	aTtttCaCct	actGTtCCtg	TagTtcTtGt	tGgAACCaaa	cTaGATCTcC	GtGAagAcAg	atctTaccTt	
<i>rop1 (racA)</i>	tTatgCaCct	gggGTgCCcg	TtgTttTgGc	aGgcACaAAA	tTgGATCTtC	GtGAagAcAa	gcacTactTg	
<i>rop8</i>	tTatgCaCct	gggGTgCCcg	TtgTgtTgGt	aGgcACaAAA	tTtGATCTtC	GtGAagAcAa	gcacTactTg	
<i>rop5</i>	tTatgCaCcg	gggGTtCCca	TagTgtTgGt	cGgACtAAA	tTgGATCTtC	GtGAagAcAg	gcacTactTg	
<i>rop4 (racD)</i>	cTatgCtCct	ggcGTgCCca	TaaTtcTtGt	tGGgACaAAA	cTtGATCTgC	GtGatgAtAa	gcagTtttTt	
<i>rop9</i>	tTatgCaCct	gggGTgCCca	TaaTtcTtGt	aGgGACaAAG	cTtGATCTtC	GaGatgAcAa	gcagTtctTt	
<i>rop2 (racB)</i>	tTatgCaCct	gggGTgCCca	TtaTtcTtGt	aGgGACaAAG	cTtGATCTtC	GaGacgAcAa	gcagTtctTt	

	421						490
<i>rop6</i>	gccGACcAtc	CTGgagcttc	agcagTcaCc	ACgGcgCAGG	GtGAgGAaCT	gaGgAagCag	ATcGGcGCtg
<i>rop7</i>	gctGAcCAtc	CTGgagcgtc	gacgaTcaCg	ACgGcaCAGG	GcGAaGAaCT	gaGgAggCag	ATcGGcGCtg
<i>rop3 (racC)</i>	gctGAcCAtt	CTGctgcttc	catcaTctCt	ACTgaaCAGG	GaGAaGAgCT	caGgAagCag	ATaGGtGCtg
<i>rop1 (racA)</i>	atgGAcCAtc	CTGgattggt	gcctgTtaCc	ACTGcaCAGG	GgGAgGAaCT	tcGtAgaCaa	ATtGGtGCta
<i>rop8</i>	atgGAcCAtc	CTGggttggg	gcctgTtaCc	ACaGcaCAaG	GgGAgGAaCT	tcGtAgaCaa	ATtGGtGCta
<i>rop5</i>	gttGAcCAtc	CTGgtgceggt	acctgTtaCt	ACaGcaCAGG	GgGAgGAaCT	gcGcAagCac	ATtGGcGCaa
<i>rop4 (racD)</i>	gttGAtCAcc	CTGgtgctgt	tccaaTttCc	ACTGccCAGG	GcGAaGAgCT	gaGgAagCta	ATtGGtGCtg
<i>rop9</i>	gtgGAcCAtc	CTGgtgctgt	tcctaTcaCt	ACTGctCAGG	GaGAgGAgCT	aaGaAagCaa	ATaGGcGCgc
<i>rop2 (racB)</i>	gtgGAcCAtc	CTGgtgctgt	ccctaTcaCt	ACTGctCAGG	GaGAgGAgCT	aaGaAagCaa	ATaGGcGCtc

	491						560
<i>rop6</i>	cggccTACAT	cGAgTGCAGT	TCcAAAaccC	AgcagAAcGT	cAAgtctGTc	TTcGAtaCgG	CcATcAAAaGT
<i>rop7</i>	cggetTACAT	cGAgTGCAGT	TCcAAAacgC	AgcagAAatGT	cAAgtcgcGTc	TTcGAcacaG	CcATcAAAaGT
<i>rop3 (racC)</i>	tggcgTACAT	aGAaTGCAGc	TCaAAgAcaC	AgaggAAcGT	aAAggctGTg	TTcGAcacTg	CaATtAAaGT
<i>rop1 (racA)</i>	tgatTACAT	tGAaTGCAGc	TCaAAgAcaC	AgcagAAatGT	cAAagctGTg	TTcGAtgCtG	CcATcAAgGT
<i>rop8</i>	tgatTACAT	cGAaTGCAGT	TCgAAgAcaC	AgcagAAatGT	cAAagctGTg	TTcGAtgCtG	CcATcAAgGT
<i>rop5</i>	cttgcTACAT	cGAaTGCAGc	TCaAAAactC	AgcagAAatGT	gAAagctGTg	TTtGAtgCtG	CcATcAAgGT
<i>rop4 (racD)</i>	ccgccTACAT	cGAaTGCAGT	TCaAAAatcC	AgcagAAcaT	aAAagcaGTg	TTtGAcgCaG	CaATtAAgGT
<i>rop9</i>	catacTACAT	cGAgTGCAGc	TCaAAgAccC	AactaAAcGT	gAAgggtGTc	TTcGAtgCgG	CgATaAAgGT
<i>rop2 (racB)</i>	catacTACAT	cGAaTGCAGc	TCgAAgAccC	AactaAAcGT	gAAgggcGTc	TTcGAtgCgG	CgATaAAgGT

	561						630
<i>rop6</i>	gGTccTtcag	CCcCCacggA	ggagggag..	.gcagtgcct	gccaggAagA	Agaacagggcg	tggtcccgga
<i>rop7</i>	gGTccTtcag	CCcCCcgggA	ggagggag..	.gcagcgcct	gccaggAggA	Agaacagggcg	tggtccggg
<i>rop3 (racC)</i>	aGTgcTgcaa	CCaCCgaggA	gaagagaa..	.....ggt	accaggAagA	Aaatgaagac	aagttcgaat
<i>rop1 (racA)</i>	aGTaaTccag	CCtCCaactA	aaataagaga	aaag.....	.....AagA	Agaaaaaatc	acgcaaagga
<i>rop8</i>	tGTaaTccag	CCtCCaactA	aactaagaga	aaag.....	.....AagA	Aaaagaaatc	acgcaaagga
<i>rop5</i>	aGTaaTcagg	CCtCCgacgA	agcagcgaga	aaag.....	.....AagA	Aaaagaaaga	acggcgagga
<i>rop4 (racD)</i>	gGTtcTccag	CCaCCa...A	agcaaaagaa	gagg.....	.....AagA	Agaaggtg..	.cagaagga
<i>rop9</i>	tGTgcTgcag	CCgCCt...A	aggcgaagaa	gaag.....	.....AaaA	Agggcgag..	.agggggggcg
<i>rop2 (racB)</i>	tGTgcTgcag	CCgCCt...A	aggcgaagaa	gaag.....	.....AaaA	Aggtgcag..	.agggggggcg

	631						690
<i>rop6</i>	tgctCtaTaa	tg.....aa	ccttgtgtgt	ggcagcacat	gtgctgctta	g	
<i>rop7</i>	tgctCtaTca	tg.....aa	cctcatgtgt	ggcagcacgt	gcgctgctta	g	
<i>rop3 (racC)</i>	cagtCtcTga	ga.....ag	atacctctgt	ggaagcggat	gtttcacatc	gtaa	
<i>rop1 (racA)</i>	tgttCtaTga	tg.....aa	catcttcggg	ggaagaaaaa	tgctatgctt	caagtcctga	
<i>rop8</i>	tgttCgaTgg	tg.....aa	catcttatct	ggaagaaaaa	tgctatgctt	caagtcctga	
<i>rop5</i>	tgctCaaTat	tctgcagccg	tatcatgcac	gcaagaagac	taggatgctt	caagtga	
<i>rop4 (racD)</i>	tgcaCcaTtt	tg taa					
<i>rop9</i>	tgctCcaTtt	tg tga					
<i>rop2 (racB)</i>	tgctCcaTtt	tg tga					

