

Figure S2

BAND #1												
Reference	Peptide	MH+	DeltaM	z	Score	Coverage	MW	Accession	Peptide (Hits)	Count	% Height	Peak Height
Scan(s)					XC	DeltaCn	Sp	RSp	Ions			
1	receptor antigen (RagA) [Porphyromonas gingivalis]				460.33	42.40	112261.3	3901098	57 (57 0 0 0 0)			49.03
2	AF153768_1 immunoreactive 92 kDa antigen PG21 [Porphyromonas gingivalis]				250.31	28.00	91460.8	5059346	30 (30 0 0 0 0)			31.51
3	1 KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei				150.29	12.10	187756.8	75348574	16 (16 0 0 0 0)			1.42
4	PAD_PORGI RecName: Full=Peptidylarginine deiminase; Flags: Precursor				150.29	30.00	61690.5	73621345	17 (17 0 0 0 0)			6.45
5	AF175718_1 immunoreactive 32kD antigen PG49 [Porphyromonas gingivalis]				80.28	32.70	37089.1	5759285	8 (8 0 0 0 0)			0.70
6	AF237554_1 hypothetical tonB-linked outer membrane receptor PG50 [Porphyromonas gingivalis]				80.27	15.70	94396.0	8925305	8 (8 0 0 0 0)			0.77
7	PRTT_PORGI RecName: Full=Thiol protease/hemagglutinin prtI; Flags: Precursor				70.28	11.40	96386.1	1172653	7 (7 0 0 0 0)			0.84
8	AF200358_1 HmuY protein [Porphyromonas gingivalis]				40.29	52.10	15552.7	6409428	4 (4 0 0 0 0)			0.29
9	AF153770_1 immunoreactive 47 kDa antigen PG97 [Porphyromonas gingivalis]				40.18	11.00	47120.1	5059350	4 (4 0 0 0 0)			0.07
10	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)				30.31	10.80	47853.8	7245522	4 (4 0 0 0 0)			0.88
11	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor				30.29	4.90	80916.2	37538303	4 (4 0 0 0 0)			0.24
12	RagA2 [Porphyromonas gingivalis]				30.26	3.20	115464.3	61652426	4 (4 0 0 0 0)			3.94
13	JC7920 35K hemin binding protein - Porphyromonas gingivalis				30.19	13.70	37536.4	60729604	3 (3 0 0 0 0)			0.20
14	RagA4 [Porphyromonas gingivalis]				20.24	2.20	114515.1	61652416	2 (2 0 0 0 0)			3.66

BAND #2												
Reference	Peptide	MH+	DeltaM	z	Score	Coverage	MW	Accession	Peptide (Hits)	Count	% Height	Peak Height
Scan(s)					XC	DeltaCn	Sp	RSp	Ions			
1	KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei				410.34	20.70	187756.8	75348574	66 (66 0 0 0 0)			57.07
2	unnamed protein product [Porphyromonas gingivalis]				270.40	63.70	56434.6	116636501	35 (35 0 0 0 0)			13.90
3	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)				170.32	37.90	47853.8	7245522	20 (20 0 0 0 0)			7.77
4	JC7920 35K hemin binding protein - Porphyromonas gingivalis				130.28	34.30	37536.4	60729604	15 (15 0 0 0 0)			3.90
5	PAD_PORGI RecName: Full=Peptidylarginine deiminase; Flags: Precursor				120.27	26.30	61690.5	73621345	15 (15 0 0 0 0)			7.04
6	AF153770_1 immunoreactive 47 kDa antigen PG97 [Porphyromonas gingivalis]				110.20	29.70	47120.1	5059350	12 (12 0 0 0 0)			0.71
7	receptor antigen (RagA) [Porphyromonas gingivalis]				90.29	12.50	112261.3	3901098	9 (9 0 0 0 0)			0.37
8	KGP66_PORGI RecName: Full=Lys-gingipain HG66; Contains: RecName: Full=Lys-gingipain catalytic subunit; Contains: RecName: Full=39 kDa				50.27	3.80	186713.3	75345025	6 (6 0 0 0 0)			3.03
9	AF200358_1 HmuY protein [Porphyromonas gingivalis]				50.26	52.80	15552.7	6409428	6 (6 0 0 0 0)			0.46
10	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor				40.30	6.40	80916.2	37538303	6 (6 0 0 0 0)			3.10
11	AF153768_1 immunoreactive 92 kDa antigen PG21 [Porphyromonas gingivalis]				40.23	5.70	91460.8	5059346	4 (4 0 0 0 0)			0.11
12	AF145801_1 immunoreactive 46 kDa antigen PG99 [Porphyromonas gingivalis]				30.26	12.30	45671.6	5081703	4 (4 0 0 0 0)			0.20
13	PRTT_PORGI RecName: Full=Thiol protease/hemagglutinin prtI; Flags: Precursor				30.22	4.30	96386.1	1172653	3 (3 0 0 0 0)			0.10
14	AF155223_1 tonB-linked receptor Tlr [Porphyromonas gingivalis]				30.21	6.20	78856.5	5007082	3 (3 0 0 0 0)			0.12
15	CPG1_PORGI RecName: Full=Gingipain R1; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 1; AltName: Full=RGP-1; Flags: Precursor				20.31	4.60	108713.4	2827775	3 (3 0 0 0 0)			1.17
16	arginine-specific thiol protease precursor [Porphyromonas gingivalis]				20.25	1.20	185509.3	1066835	2 (2 0 0 0 0)			0.48
17	AF144641_1 immunoreactive 53 kD antigen PG123 [Porphyromonas gingivalis]				20.18	5.60	53491.0	4929297	2 (2 0 0 0 0)			0.06
18	B Chain B, Structure Of Porphyromonas Gingivalis Heme-Binding Protein HmuY In Complex With Heme				20.17	11.00	21190.3	237640668	2 (2 0 0 0 0)			0.12
19	RagB4 [Porphyromonas gingivalis]				20.16	2.00	56866.6	61652417	2 (2 0 0 0 0)			0.29

BAND #3												
Reference	Peptide	MH+	DeltaM	z	Score	Coverage	MW	Accession	Peptide (Hits)	Count	% Height	Peak Height
Scan(s)					XC	DeltaCn	Sp	RSp	Ions			
1	AF200358_1 HmuY protein [Porphyromonas gingivalis]				210.37	83.10	15552.7	6409428	32 (32 0 0 0 0)			36.51
2	KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei				210.36	16.90	187756.8	75348574	25 (25 0 0 0 0)			5.82
3	AF145801_1 immunoreactive 46 kDa antigen PG99 [Porphyromonas gingivalis]				120.34	26.70	45671.6	5081703	17 (17 0 0 0 0)			2.86
4	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)				110.31	25.50	47853.8	7245522	14 (14 0 0 0 0)			5.10
5	B Chain B, Structure Of Porphyromonas Gingivalis Heme-Binding Protein HmuY In Complex With Heme				90.28	20.90	21190.3	237640668	13 (13 0 0 0 0)			37.79
6	unnamed protein product [Porphyromonas gingivalis]				90.27	24.60	56434.6	116636501	9 (9 0 0 0 0)			0.86
7	JC7920 35K hemin binding protein - Porphyromonas gingivalis				60.29	21.20	37536.4	60729604	7 (7 0 0 0 0)			0.60
8	AF155223_1 tonB-linked receptor Tlr [Porphyromonas gingivalis]				50.19	7.50	78856.5	5007082	5 (5 0 0 0 0)			0.46
9	KGP66_PORGI RecName: Full=Lys-gingipain HG66; Contains: RecName: Full=Lys-gingipain catalytic subunit; Contains: RecName: Full=39 kDa				40.34	3.00	186713.3	75345025	5 (5 0 0 0 0)			1.16
10	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor				40.30	7.20	80916.2	37538303	5 (5 0 0 0 0)			2.08
11	receptor antigen (RagA) [Porphyromonas gingivalis]				40.24	4.20	112261.3	3901098	4 (4 0 0 0 0)			0.95
12	CPG1_PORGI RecName: Full=Gingipain R1; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 1; AltName: Full=RGP-1; Flags: Precursor				30.28	4.60	108713.4	2827775	4 (4 0 0 0 0)			0.92
13	HAGA1_PORGI RecName: Full=Hemagglutinin A; Flags: Precursor				30.23	7.00	233241.6	38605638	3 (3 0 0 0 0)			0.29
14	arginine-specific thiol protease precursor [Porphyromonas gingivalis]				20.26	1.20	185509.3	1066835	2 (2 0 0 0 0)			0.28
15	hemin-binding protein 2 [Porphyromonas gingivalis]				20.26	7.40	233241.6	38605638	5 (5 0 0 0 0)			4.08
16	OMP40_PORGI RecName: Full=Outer membrane protein 40; Short=Omp40; AltName: Full=PG33; Flags: Precursor				20.23	8.20	42425.2	27805653	2 (2 0 0 0 0)			0.08
17	AF145799_1 immunogenic 23 kDa lipoprotein PG3 [Porphyromonas gingivalis]				20.20	11.70	22616.6	5081699	2 (2 0 0 0 0)			0.00
18	AF153770_1 immunoreactive 47 kDa antigen PG97 [Porphyromonas gingivalis]				20.17	4.70	47120.1	5059350	2 (2 0 0 0 0)			0.14

BAND #4												
Reference	Peptide	MH+	DeltaM	z	Score	Coverage	MW	Accession	Peptide (Hits)	Count	% Height	Peak Height
Scan(s)					XC	DeltaCn	Sp	RSp	Ions			
1	KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei				250.35	19.80	187756.8	75348574	31 (31 0 0 0 0)			18.23
2	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)				130.32	28.30	47853.8	7245522	15 (15 0 0 0 0)			19.37
3	OMP41_PORGI RecName: Full=Outer membrane protein 41; Short=Omp41; AltName: Full=PG32; Flags: Precursor				80.26	20.50	43397.1	37538316	9 (9 0 0 0 0)			3.42
4	AF200358_1 HmuY protein [Porphyromonas gingivalis]				70.32	69.70	15552.7	6409428	9 (9 0 0 0 0)			3.75
5	unnamed protein product [Porphyromonas gingivalis]				70.25	16.20	56434.6	116636501	7 (7 0 0 0 0)			2.72
6	receptor antigen (RagA) [Porphyromonas gingivalis]				70.24	9.60	112261.3	3901098	7 (7 0 0 0 0)			3.63
7	casein alpha s1 [Bos taurus]				60.24	31.30	24513.4	30794348	8 (8 0 0 0 0)			8.69
8	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor				50.29	8.20	80916.2	37538303	6 (6 0 0 0 0)			3.45
9	HAGA1_PORGI RecName: Full=Hemagglutinin A; Flags: Precursor				50.23	7.80	233241.6	38605638	5 (5 0 0 0 0)			1.68
10	OMP40_PORGI RecName: Full=Outer membrane protein 40; Short=Omp40; AltName: Full=PG33; Flags: Precursor				50.23	15.80	42425.2	27805653	5 (5 0 0 0 0)			1.31
11	CPG1_PORGI RecName: Full=Gingipain R1; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 1; AltName: Full=RGP-1; Flags: Precursor				30.27	4.60	108713.4	2827775	4 (4 0 0 0 0)			7.98
12	AF155223_1 tonB-linked receptor Tlr [Porphyromonas gingivalis]				30.27	6.20	78856.5	5007082	3 (3 0 0 0 0)			0.62
13	JC7920 35K hemin binding protein - Porphyromonas gingivalis				30.21	7.60	37536.4	60729604	3 (3 0 0 0 0)			0.48
14	keratin 71 [Homo sapiens]				30.18	6.10	57256.1	15618995	3 (3 0 0 0 0)			0.67
15	B Chain B, Structure Of Porphyromonas Gingivalis Heme-Binding Protein HmuY In Complex With Heme				30.16	11.00	21190.3	237640668	3 (3 0 0 0 0)			1.33
16	KGP66_PORGI RecName: Full=Lys-gingipain HG66; Contains: RecName: Full=Lys-gingipain catalytic subunit; Contains: RecName: Full=39 kDa				20.34	1.60	186713.3	75345025	3 (3 0 0 0 0)			22.50
17	RagB4 [Porphyromonas gingivalis]				20.11	2.00	56866.6	61652417	2 (2 0 0 0 0)			0.19

BAND #5												
Reference	Peptide	MH+	DeltaM	z	Score	Coverage	MW	Accession	Peptide (Hits)	Count	% Height	Peak Height
Scan(s)					XC	DeltaCn	Sp	RSp	Ions			
1	KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei				270.36	19.60	187756.8	75348574	38 (38 0 0 0 0)			69.48
2	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)				110.31	21.80	47853.8	7245522	13 (13 0 0 0 0)			7.40
3	receptor antigen (RagA) [Porphyromonas gingivalis]				110.26	14.20	112261.3	3901098	12 (12 0 0 0 0)			2.64
4	DPS_PORGI RecName: Full=DNA protection during starvation protein				90.31	57.20	17853.3	229485357	9 (9 0 0 0 0)			2.64
5	AF200358_1 HmuY protein [Porphyromonas gingivalis]				50.31	45.10	15552.7	6409428	5 (5 0 0 0 0)			0.89
6	JC7920 35K hemin binding protein - Porphyromonas gingivalis				50.26	17.70	37536.4	60729604	5 (5 0 0 0 0)			0.87
7	unnamed protein product [Porphyromonas gingivalis]				50.21	40.60	18516.1	116636495	5 (5 0 0 0 0)			1.45
8	AF155223_1 tonB-linked receptor Tlr [Porphyromonas gingivalis]				40.22	7.80	78856.5	5007082	5 (5 0 0 0 0)			1.06
9	THIO_ECOLI RecName: Full=Thioredoxin-1; Short=Trx-1				30.20	39.40	11799.1	76363560	3 (3 0 0 0 0)			0.60

10	CPG1_PORGI RecName: Full=Gingipain R1; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 1; AltName: Full=RGP-1; Flags: Precursor	30.20	5.20	108713.4	2827775	3 (3 0 0 0)	0.38
11	HAGA1_PORGI RecName: Full=Hemagglutinin A; Flags: Precursor	30.16	5.00	233241.6	38605638	3 (3 0 0 0)	1.02
12	KGP66_PORGI RecName: Full=Lys-gingipain HG66; Contains: RecName: Full=Lys-gingipain catalytic subunit; Contains: RecName: Full=39 kDa ;	20.34	1.60	186713.3	75345025	3 (3 0 0 0)	1.22
13	PRTH_PORGI RecName: Full=Protease prth	20.29	1.60	110168.0	1172651	3 (3 0 0 0)	6.85
14	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor	20.25	2.20	80916.2	37538303	3 (3 0 0 0)	2.73
15	OMP40_PORGI RecName: Full=Outer membrane protein 40; Short=Omp40; AltName: Full=PG33; Flags: Precursor	20.21	8.20	42425.2	27805653	2 (2 0 0 0)	0.30
16	RagA2 [Porphyromonas gingivalis]	20.19	2.30	115464.3	61652426	2 (2 0 0 0)	0.19
17	hemin-binding protein 2 [Porphyromonas gingivalis]	20.19	7.40	23833.9	124053198	2 (2 0 0 0)	0.07
18	unnamed protein product [Porphyromonas gingivalis]	20.15	6.40	56434.6	116636501	2 (2 0 0 0)	0.20

BAND #6

Reference	Score	Coverage	MW	Accession	Peptide (Hits)	% Height					
Scan(s)	Peptide	MH+	DeltaM	z	XC	DeltaCn	Sp	RSp	Ions	Count	Peak Height
1	KGP83_PORGI RecName: Full=Lys-gingipain W83; AltName: Full=Lysine specific cysteine protease; AltName: Full=Lysine-specific cysteine protei	230.37	18.20	187756.8	75348574	26 (26 0 0 0)	55.62				
2	unnamed protein product [Porphyromonas gingivalis]	130.38	34.30	56434.6	116636501	14 (14 0 0 0)	3.26				
3	AF155223_1 tonB-linked receptor Tir [Porphyromonas gingivalis]	100.28	16.10	78856.5	5007082	10 (10 0 0 0)	0.83				
4	JC7920 35K hemin binding protein - Porphyromonas gingivalis	100.25	25.60	37536.4	60729604	10 (10 0 0 0)	3.46				
5	A Chain A, Crystal Structure Of The Arg Specific Cysteine Proteinase Gingipain R (Rgpb)	90.32	23.70	47853.8	7245522	11 (11 0 0 0)	7.57				
6	CPG2_PORGI RecName: Full=Gingipain R2; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 2; AltName: Full=RGP-2; Flags: Precursor	50.31	8.20	80916.2	37538303	7 (7 0 0 0)	7.16				
7	AF144641_1 immunoreactive 53 kD antigen PG123 [Porphyromonas gingivalis]	50.22	13.40	53491.0	4929297	5 (5 0 0 0)	2.20				
8	unnamed protein product [Porphyromonas gingivalis]	50.20	9.60	73112.1	300548609	5 (5 0 0 0)	1.52				
9	AF200358_1 HmuY protein [Porphyromonas gingivalis]	40.27	36.60	15552.7	6409428	4 (4 0 0 0)	1.04				
10	receptor antigen (RagA) [Porphyromonas gingivalis]	40.20	4.80	112261.3	3901098	4 (4 0 0 0)	0.18				
11	PAD_PORGI RecName: Full=Peptidylarginine deiminase; Flags: Precursor	40.18	6.80	61690.5	73621345	5 (5 0 0 0)	0.76				
12	AF153770_1 immunoreactive 47 kDa antigen PG97 [Porphyromonas gingivalis]	40.18	10.70	47120.1	5059350	4 (4 0 0 0)	0.93				
13	PRTH_PORGI RecName: Full=Protease prth	30.33	1.90	110168.0	1172651	5 (5 0 0 0)	9.51				
14	THIO_ECOLI RecName: Full=Thioredoxin-1; Short=Trx-1	30.25	39.40	11799.1	76363560	3 (3 0 0 0)	0.66				
15	arginine-specific thiol protease precursor [Porphyromonas gingivalis]	30.24	1.50	185509.3	1066835	3 (3 0 0 0)	0.97				
16	CPG1_PORGI RecName: Full=Gingipain R1; AltName: Full=Arg-gingipain; AltName: Full=Gingipain 1; AltName: Full=RGP-1; Flags: Precursor	30.22	5.80	108713.4	2827775	4 (4 0 0 0)	1.17				
17	KGP38_PORGI RecName: Full=Lys-gingipain 381; Contains: RecName: Full=Lys-gingipain catalytic subunit; Contains: RecName: Full=39 kDa adl	20.25	2.80	187143.7	75345024	2 (2 0 0 0)	1.50				
18	SERC_PORGI RecName: Full=Phosphoserine aminotransferase; AltName: Full=Phosphohydroxythreonine aminotransferase; Short=PSAT	20.25	7.50	40148.6	73621876	2 (2 0 0 0)	0.35				
19	AF145801_1 immunoreactive 46 kDa antigen PG99 [Porphyromonas gingivalis]	20.24	7.20	45671.6	5081703	3 (3 0 0 0)	0.32				
20	AF237554_1 hypothetical tonB-linked outer membrane receptor PG50 [Porphyromonas gingivalis]	20.21	2.60	94396.0	8925305	2 (2 0 0 0)	0.12				
21	unnamed protein product [Porphyromonas gingivalis]	20.16	16.90	18516.1	116636495	2 (2 0 0 0)	0.11				
22	AF155351_1 immunoreactive 32 kD antigen PG25 [Porphyromonas gingivalis]	20.15	4.10	32252.1	5052029	2 (2 0 0 0)	0.76				