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<b>Title</b>	Things are getting hairy: Enterobacteria bacteriophage vB_PcaM_CBB
<b>Author(s)</b>	Buttimer, Colin; Hendrix, Hanne; Oliveira, Hugo; Casey, Aidan; Neve, Horst; McAuliffe, Olivia; Ross, R. Paul; Hill, Colin; Noben, Jean-Paul; O'Mahony, Jim; Lavigne, Rob; Coffey, Aidan
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# Staal CBB 01 tot 13 Peptide report

Peak List Generator

Version: 1.2

Database Set: 2 Databases

Database Set: 1 Database

Database Name: CBB\_1.fasta

Taxonomy: All Entries

Does database contain common contaminants?: unknown

Search Engine Set: 2 Search Engines

Search Engine: Mascot

Version: 2.5.

Samples: All Samples

Fragment Tolerance: 0,50 Da (Monoisotopic)

Parent Tolerance: 30 PPM (Monoisotopic)

Fixed Modifications: +57 on C (Carbamidomethyl)

Variable Modifications: +1 on NQR (Deamidated), +16 on HMW (Oxidation)

Database: CBB\_1.fasta (unknown version, 12060 entries)

Digestion Enzyme: Trypsin

Max Missed Cleavages: 2

Probability Model:

VelosPro3865: LFDR Model, Classifier data: Bayes, Good (53%) m:59,2/s:10

Search Engine: Sequest

Version: 1.4.0.288

Samples: All Samples

Fragment Tolerance: 0,50 Da (Monoisotopic)

Parent Tolerance: 30 PPM (Monoisotopic)

Fixed Modifications: +57 on C (Carbamidomethyl)

Variable Modifications: +1 on NQR (Deamidated), +16 on HMW (Oxidation)

Database: CBB\_1.fasta (unknown version, 12060 entries)

Digestion Enzyme: Trypsin

Max Missed Cleavages: 2

Probability Model:

VelosPro3865: LFDR Model, Classifier data: Bayes, Good (50%) m:0,596/s:10

Scaffold: Version: Scaffold\_4.4.1.1

Modification Metadata Set: 1541 modifications

Source: C:\Program Files\Scaffold 4\parameters\unimod.xml

Comment:

Protein Grouping Strategy: Experiment-wide grouping with binary peptide-protein weights

Peptide Thresholds: 95,0% minimum

Protein Thresholds: 99,9% minimum and 1 peptide minimum

Peptide FDR: 0,0% (Decoy)

Protein FDR: 0,0% (Decoy)

Supplementary S6

GO Annotation Source(s):







































































6,2 m:25,2/s:0,633 m:NA m:47,8/s:25,2 m:NA, Bad (47%) m:5,93/s:5,10 m:25,2/s:0,645 m:NA m:2,58/s:3,23 m:NA [all charge states

0,0947 m:4,21/s:0,961 m:739/s:427 m:1,24/s:0,755 m:NA, Bad (50%) m:0,201/s:0,180 m:1,98/s:0,585 m:81,1/s:78,4 m:3,72/s:3,50 r

Protein identification probability	Number of unique peptides	Number of unique spectra	Number of total spectra	Percentage of total spectra	Percentage sequence coverage	Peptide sequence	Previous amino acid	Next amino acid
100.00%	5	5	8	0.33%	24.90%	AAANWKGEA	R	-
100.00%	5	5	8	0.33%	24.90%	AAIDAAETYE	K	A
100.00%	5	5	8	0.33%	24.90%	ALADFTR	K	E
100.00%	5	5	8	0.33%	24.90%	DTLYFAGFEH	R	T
100.00%	5	5	8	0.33%	24.90%	TGNTYGDISH	K	L
100.00%	2	2	4	0.16%	18.90%	NKSPFGVDG	R	L
100.00%	2	2	4	0.16%	18.90%	SINVFDLISAD	R	I
100.00%	4	6	9	0.37%	10.40%	LGVTYGTATA	R	S
100.00%	4	6	9	0.37%	10.40%	LPAATSANSQ	K	G
100.00%	4	6	9	0.37%	10.40%	TGDTMYNDG	R	L
100.00%	4	6	9	0.37%	10.40%	TSELGLTDGI	K	N
100.00%	2	2	3	0.12%	3.50%	DIDLTTEGTN	K	V
100.00%	2	2	3	0.12%	3.50%	VDSVPVEPTI	R	T
100.00%	4	4	5	0.21%	16.60%	IDASINGLNA	R	T
100.00%	4	4	5	0.21%	16.60%	NTSGTGELLI	R	Q
100.00%	4	4	5	0.21%	16.60%	VVINDADTTL	K	T
100.00%	4	4	5	0.21%	16.60%	YISFTQGTPT	K	T
100.00%	17	25	64	2.62%	56.30%	AAPTSQLEG	R	R
100.00%	17	25	64	2.62%	56.30%	ALPGAAAVV	R	V
100.00%	17	25	64	2.62%	56.30%	FVGVLNSTM	K	V
100.00%	17	25	64	2.62%	56.30%	GAANWAVV	R	T
100.00%	17	25	64	2.62%	56.30%	IAIRNVTFM	K	-
100.00%	17	25	64	2.62%	56.30%	ILRETVEAQS	R	R
100.00%	17	25	64	2.62%	56.30%	LRALPGAAV	R	V
100.00%	17	25	64	2.62%	56.30%	RVMPTVIANE	R	V
100.00%	17	25	64	2.62%	56.30%	SYTGEINSDN	K	A
100.00%	17	25	64	2.62%	56.30%	TTEGTFEAPT	R	F
100.00%	17	25	64	2.62%	56.30%	TTEGTFEAPT	R	V
100.00%	17	25	64	2.62%	56.30%	VILPIIR	K	R
100.00%	17	25	64	2.62%	56.30%	VILPIIRR	K	V
100.00%	17	25	64	2.62%	56.30%	VQYADNAPG	R	I
100.00%	17	25	64	2.62%	56.30%	VTGVATFVGI	K	Q
100.00%	17	25	64	2.62%	56.30%	VYVDTYADD	R	G
100.00%	17	25	64	2.62%	56.30%	YGYVQLTDS	R	I
100.00%	13	15	21	0.86%	23.20%	AVGNAAETI	R	Q
100.00%	13	15	21	0.86%	23.20%	FSDLSTNIDS	R	A

100.00%	13	15	21	0.86%	23.20%	FVGQMTYLS	K	A
100.00%	13	15	21	0.86%	23.20%	MYSSQATLN	K	F
100.00%	13	15	21	0.86%	23.20%	NNPNPAIEAF	K	F
100.00%	13	15	21	0.86%	23.20%	QIAENTEPPR	R	N
100.00%	13	15	21	0.86%	23.20%	QIAENTEPPR	R	-
100.00%	13	15	21	0.86%	23.20%	QMLQAANTL	R	N
100.00%	13	15	21	0.86%	23.20%	TFTEPFNAFY	K	T
100.00%	13	15	21	0.86%	23.20%	TILGNNGSIQ	R	V
100.00%	13	15	21	0.86%	23.20%	TTPTASTTTP	K	T
100.00%	13	15	21	0.86%	23.20%	TVLLDIEKNT	R	N
100.00%	13	15	21	0.86%	23.20%	VLQNSLGK	R	L
100.00%	9	9	11	0.45%	13.40%	DHMYIQEGG	R	D
100.00%	9	9	11	0.45%	13.40%	LISFYFSADT	K	M
100.00%	9	9	11	0.45%	13.40%	NWLNQNPDE	K	T
100.00%	9	9	11	0.45%	13.40%	QNELSETGY	R	A
100.00%	9	9	11	0.45%	13.40%	TEKDDFEDT	R	M
100.00%	9	9	11	0.45%	13.40%	TVEEIAN TMS	R	V
100.00%	9	9	11	0.45%	13.40%	VSTQYDDED	K	D
100.00%	9	9	11	0.45%	13.40%	YNASVLSQP	K	K
100.00%	9	9	11	0.45%	13.40%	YYGEEPR	R	I
100.00%	3	4	5	0.21%	6.17%	FYVVQDAFR	R	T
100.00%	3	4	5	0.21%	6.17%	TNDYNFIDK	R	A
100.00%	3	4	5	0.21%	6.17%	YVISGYEFPA	R	N
100.00%	3	3	5	0.21%	15.60%	AGTLADNSF	K	Q
100.00%	3	3	5	0.21%	15.60%	NQFIIAQUAL	K	A
100.00%	3	3	5	0.21%	15.60%	SAAEKNQFII	K	A
100.00%	5	7	13	0.53%	37.40%	DLTTFQGVPA	K	L
100.00%	5	7	13	0.53%	37.40%	FLNTEDADAI	R	G
100.00%	5	7	13	0.53%	37.40%	INGFSESGVL	R	N
100.00%	5	7	13	0.53%	37.40%	NAPAGVSAA	K	A
100.00%	5	7	13	0.53%	37.40%	VIDIVQQR	R	A
100.00%	6	7	9	0.37%	29.10%	FGGTAQSEII	R	V
100.00%	6	7	9	0.37%	29.10%	GEPGEDSNN	K	N
100.00%	6	7	9	0.37%	29.10%	IEIDIRNPYDI	R	F
100.00%	6	7	9	0.37%	29.10%	NVIDTSYENA	K	I
100.00%	6	7	9	0.37%	29.10%	QLPITPIEDNI	K	-
100.00%	6	7	9	0.37%	29.10%	TNAANEPTA	K	G
100.00%	11	12	17	0.70%	11.60%	AITNMSDPNA	R	L
100.00%	11	12	17	0.70%	11.60%	DNDQITIKFP	R	S
100.00%	11	12	17	0.70%	11.60%	DSAHGSTSL	R	S
100.00%	11	12	17	0.70%	11.60%	ENFLDTAER	R	R
100.00%	11	12	17	0.70%	11.60%	ENFLDTAERF	R	A
100.00%	11	12	17	0.70%	11.60%	FIDINDPTGK	R	D
100.00%	11	12	17	0.70%	11.60%	FVNGEDYNIA	R	A
100.00%	11	12	17	0.70%	11.60%	NSFGQSLR	K	N
100.00%	11	12	17	0.70%	11.60%	QGNSLFTDY	K	I
100.00%	11	12	17	0.70%	11.60%	YLQLFGDTAI	K	A

100.00%	11	12	17	0.70%	11.60%	YQNTDVFTD	K	D
100.00%	10	11	34	1.39%	6.06%	ADIDRITVGD	K	A
100.00%	10	11	34	1.39%	6.06%	AQLTVAGK	R	T
100.00%	10	11	34	1.39%	6.06%	AVIDYLDIK	K	G
100.00%	10	11	34	1.39%	6.06%	IDYLDIVGNS	K	A
100.00%	10	11	34	1.39%	6.06%	ITVGDVTFAD	R	A
100.00%	10	11	34	1.39%	6.06%	SAIEPYK	K	V
100.00%	10	11	34	1.39%	6.06%	SAIEPYKVSS	K	A
100.00%	10	11	34	1.39%	6.06%	TDLGVSGNQ	K	D
100.00%	10	11	34	1.39%	6.06%	TVTWDSSYK	R	I
100.00%	10	11	34	1.39%	6.06%	VSSSEFQGQ	K	A
100.00%	2	2	2	0.08%	14.60%	EVPEVNAEE	K	A
100.00%	2	2	2	0.08%	14.60%	ILTELTPEYS	K	V
100.00%	1	2	3	0.12%	6.88%	LNTMPSQGV	K	M
100.00%	15	16	20	0.82%	5.64%	DFTTAYADR	R	L
100.00%	15	16	20	0.82%	5.64%	FGTQPFEIVK	R	T
100.00%	15	16	20	0.82%	5.64%	IDGFVLQAGE	R	I
100.00%	15	16	20	0.82%	5.64%	IFLNELDLQR	K	Q
100.00%	15	16	20	0.82%	5.64%	IFSSIDNAFK	R	I
100.00%	15	16	20	0.82%	5.64%	ILFTSIGNPGE	R	I
100.00%	15	16	20	0.82%	5.64%	INVGKDNSFF	K	T
100.00%	15	16	20	0.82%	5.64%	LEADLVDNSV	R	I
100.00%	15	16	20	0.82%	5.64%	NITEGSVNDL	K	L
100.00%	15	16	20	0.82%	5.64%	NTYNPDAVD	R	Q
100.00%	15	16	20	0.82%	5.64%	NYQEGDVIR	K	I
100.00%	15	16	20	0.82%	5.64%	QDYQFSTAY	R	N
100.00%	15	16	20	0.82%	5.64%	QYTQYNTLAI	K	R
100.00%	15	16	20	0.82%	5.64%	TEENPNLIS	K	V
100.00%	15	16	20	0.82%	5.64%	TFIPPTPQFL	K	A
100.00%	2	2	3	0.12%	8.37%	EFNYYSQES	K	T
100.00%	2	2	3	0.12%	8.37%	YGVVIPGASF	K	A
100.00%	9	11	15	0.51%	35.70%	FGGTAQSEIE	R	V
100.00%	9	11	15	0.51%	35.70%	GEDGDKGDH	K	N
100.00%	9	11	15	0.51%	35.70%	GEPGEDSNN	K	N
100.00%	9	11	15	0.51%	35.70%	NPYDIDVNEL	R	F
100.00%	9	11	15	0.51%	35.70%	NVIDTSYENA	K	I
100.00%	9	11	15	0.51%	35.70%	QLPITPIEDNI	K	-
100.00%	9	11	15	0.51%	35.70%	TNAANEPTA	K	G
100.00%	9	11	15	0.51%	35.70%	VWSDGILFR	K	G
100.00%	9	11	15	0.51%	35.70%	YIVDEVNHEI	R	E
100.00%	2	2	3	0.10%	3.00%	GVPTQSGST	K	N
100.00%	2	2	3	0.10%	3.00%	TPGTPGAES	R	G
100.00%	9	9	18	0.61%	5.74%	AQLTVAGK	R	T
100.00%	9	9	18	0.61%	5.74%	AVIDYLDIK	K	G
100.00%	9	9	18	0.61%	5.74%	IDYLDIVGNS	K	A
100.00%	9	9	18	0.61%	5.74%	ITVGDVTFAD	R	A

100.00%	9	9	18	0.61%	5.74%	SAIEPYK	K	V
100.00%	9	9	18	0.61%	5.74%	SAIEPYKVSS	K	A
100.00%	9	9	18	0.61%	5.74%	TDLGVSGNQ	K	D
100.00%	9	9	18	0.61%	5.74%	TVTWDSSYK	R	I
100.00%	9	9	18	0.61%	5.74%	VSSSEFQQG	K	A
100.00%	12	13	16	0.55%	4.78%	AAAPIIEFNK	R	N
100.00%	12	13	16	0.55%	4.78%	DNSFPFALDN	K	T
100.00%	12	13	16	0.55%	4.78%	IDGFVLQAGE	R	I
100.00%	12	13	16	0.55%	4.78%	IFLNELDLQR	K	Q
100.00%	12	13	16	0.55%	4.78%	IFSSIDNAFK	R	I
100.00%	12	13	16	0.55%	4.78%	ILFTSIGNPGE	R	I
100.00%	12	13	16	0.55%	4.78%	INPTDSSESL	K	T
100.00%	12	13	16	0.55%	4.78%	INYNYGLDK	K	V
100.00%	12	13	16	0.55%	4.78%	LNDSTVYPSK	K	I
100.00%	12	13	16	0.55%	4.78%	NTYNPDAVD	R	Q
100.00%	12	13	16	0.55%	4.78%	QDYQFSTAY	R	N
100.00%	12	13	16	0.55%	4.78%	VFNTISEMNL	K	S
100.00%	4	6	10	0.34%	33.30%	AMQEATAQA	R	A
100.00%	4	6	10	0.34%	33.30%	HIEDAINQSIY	K	-
100.00%	4	6	10	0.34%	33.30%	LNTMPSQGV	K	M
100.00%	4	6	10	0.34%	33.30%	SLGLMPGAE	K	N
100.00%	15	20	31	1.06%	21.60%	DDFEDTENN	K	M
100.00%	15	20	31	1.06%	21.60%	DHMYIQEGG	R	D
100.00%	15	20	31	1.06%	21.60%	DYFVGYGDE	K	C
100.00%	15	20	31	1.06%	21.60%	EGVKDSLAN	R	L
100.00%	15	20	31	1.06%	21.60%	GIIPDVAYFTN	K	L
100.00%	15	20	31	1.06%	21.60%	IMGYYDDIK	R	E
100.00%	15	20	31	1.06%	21.60%	LISFYFSADT	K	M
100.00%	15	20	31	1.06%	21.60%	MLEYPEAGD	R	Y
100.00%	15	20	31	1.06%	21.60%	NWLNQNPDE	K	T
100.00%	15	20	31	1.06%	21.60%	QNELSETGY	R	A
100.00%	15	20	31	1.06%	21.60%	SFHIELRPED	K	G
100.00%	15	20	31	1.06%	21.60%	TEKDDFEDT	R	M
100.00%	15	20	31	1.06%	21.60%	TVEEIANTR	R	V
100.00%	15	20	31	1.06%	21.60%	VSTQYDDED	K	D
100.00%	15	20	31	1.06%	21.60%	YYGEEPR	R	I
100.00%	4	4	11	0.38%	23.40%	AGTLADNSF	K	Q
100.00%	4	4	11	0.38%	23.40%	DGTPAAAAA	K	V
100.00%	4	4	11	0.38%	23.40%	NQFIIAQALA	K	A
100.00%	4	4	11	0.38%	23.40%	NYGMSANSFR	R	E
100.00%	8	10	21	0.72%	54.80%	ANVFDKDLT	R	L
100.00%	8	10	21	0.72%	54.80%	AVVLSTSLTA	R	N
100.00%	8	10	21	0.72%	54.80%	DLTTFQGVPA	K	L
100.00%	8	10	21	0.72%	54.80%	FLNTEADAI	R	G
100.00%	8	10	21	0.72%	54.80%	INGFSESGVL	R	N
100.00%	8	10	21	0.72%	54.80%	NAPAGVSAA	K	A
100.00%	8	10	21	0.72%	54.80%	VIDIVQQR	R	A

100.00%	8	10	21	0.72%	54.80%	VTGAVASFAI	K	F
100.00%	3	3	3	0.10%	7.32%	DTNDNWTIV	K	L
100.00%	3	3	3	0.10%	7.32%	FYVVQDAFR	R	T
100.00%	3	3	3	0.10%	7.32%	IMPGDVIELP	K	D
100.00%	2	2	2	0.07%	8.52%	IDVQGLESNE	R	M
100.00%	2	2	2	0.07%	8.52%	MLALAGQAE	R	G
100.00%	5	7	9	0.31%	18.80%	IDASINGLNA	R	T
100.00%	5	7	9	0.31%	18.80%	MVLTNNGDS	R	V
100.00%	5	7	9	0.31%	18.80%	NTSGTGELLI	R	Q
100.00%	5	7	9	0.31%	18.80%	TDYNTYVTA	K	H
100.00%	5	7	9	0.31%	18.80%	YISFTQGTPT	K	T
100.00%	13	21	86	2.93%	47.20%	AAPTSQLEG	R	R
100.00%	13	21	86	2.93%	47.20%	ALPGAAAVV	R	V
100.00%	13	21	86	2.93%	47.20%	FVGVLNSTM	K	V
100.00%	13	21	86	2.93%	47.20%	GAANWAVVS	R	T
100.00%	13	21	86	2.93%	47.20%	ILRETVEAQS	R	R
100.00%	13	21	86	2.93%	47.20%	LRALPGAAA	R	V
100.00%	13	21	86	2.93%	47.20%	SYTGEINSDN	K	A
100.00%	13	21	86	2.93%	47.20%	TTEGTFEAPT	R	F
100.00%	13	21	86	2.93%	47.20%	VILPIIR	K	R
100.00%	13	21	86	2.93%	47.20%	VQYADNAPG	R	I
100.00%	13	21	86	2.93%	47.20%	VTGVATFVG	K	Q
100.00%	13	21	86	2.93%	47.20%	VYVDTYADD	R	G
100.00%	13	21	86	2.93%	47.20%	YGYVQLTDS	R	I
100.00%	25	33	70	2.39%	44.40%	AVGNTAAET	R	Q
100.00%	25	33	70	2.39%	44.40%	FDAGMLGPF	K	L
100.00%	25	33	70	2.39%	44.40%	FSDLSTNIDS	R	A
100.00%	25	33	70	2.39%	44.40%	GFTEAIESLK	K	N
100.00%	25	33	70	2.39%	44.40%	GGGGSGGN	R	D
100.00%	25	33	70	2.39%	44.40%	GGGGSGGN	R	D
100.00%	25	33	70	2.39%	44.40%	GSGAAFMSII	K	N
100.00%	25	33	70	2.39%	44.40%	IEQAEQTAPQ	K	L
100.00%	25	33	70	2.39%	44.40%	IGELSINFDD	R	K
100.00%	25	33	70	2.39%	44.40%	IKNWWSDSER	R	T
100.00%	25	33	70	2.39%	44.40%	KGTEAIESL	K	N
100.00%	25	33	70	2.39%	44.40%	LIWEMFTGS	K	Q
100.00%	25	33	70	2.39%	44.40%	NNPNPAIEAF	K	F
100.00%	25	33	70	2.39%	44.40%	NSDALAAME	K	L
100.00%	25	33	70	2.39%	44.40%	QIAENTEPPR	R	N
100.00%	25	33	70	2.39%	44.40%	QMLQAANTL	R	N
100.00%	25	33	70	2.39%	44.40%	STDSWDFMA	R	D
100.00%	25	33	70	2.39%	44.40%	SVDELLAR	K	F
100.00%	25	33	70	2.39%	44.40%	SWTAMYASL	K	T
100.00%	25	33	70	2.39%	44.40%	TFTEPFNAFY	K	T
100.00%	25	33	70	2.39%	44.40%	TILGNNGSIQ	R	V
100.00%	25	33	70	2.39%	44.40%	TINQLNAK	R	F
100.00%	25	33	70	2.39%	44.40%	TTPTASTTTP	K	T

100.00%	25	33	70	2.39%	44.40%	VLQNSLGK	R	L
100.00%	25	33	70	2.39%	44.40%	YLSDLADR	K	S
100.00%	2	2	3	0.10%	14.60%	EVPEVNAEE	K	A
100.00%	2	2	3	0.10%	14.60%	FACEPSSEEL	K	V
100.00%	4	5	8	0.27%	24.20%	AEHGVEAAE	K	N
100.00%	4	5	8	0.27%	24.20%	DKISTETLK	K	L
100.00%	4	5	8	0.27%	24.20%	NNISGLLDHAR	R	T
100.00%	4	5	8	0.27%	24.20%	QAEVINNMGR	R	I
100.00%	4	5	7	0.24%	16.70%	DSVGNMSLR	R	A
100.00%	4	5	7	0.24%	16.70%	EFNYYSQES	K	T
100.00%	4	5	7	0.24%	16.70%	YGVVIPGASF	K	A
100.00%	4	5	7	0.24%	16.70%	YTWNTIEVAR	K	D
100.00%	7	8	12	0.41%	29.60%	AAIDAAETYE	K	A
100.00%	7	8	12	0.41%	29.60%	DEGFWTQK	R	D
100.00%	7	8	12	0.41%	29.60%	DVYENTGEF	K	E
100.00%	7	8	12	0.41%	29.60%	RDEGFWTQR	R	D
100.00%	7	8	12	0.41%	29.60%	TGNTYGDISH	K	L
100.00%	7	8	12	0.41%	29.60%	TGNTYGDISH	K	R
100.00%	7	8	12	0.41%	29.60%	TITYPINVVGK	K	T
100.00%	4	4	4	0.14%	24.30%	NKSPFGVDGR	R	L
100.00%	4	4	4	0.14%	24.30%	SINVFDLISAR	R	I
100.00%	4	4	4	0.14%	24.30%	SPFGVDGINVK	K	L
100.00%	4	4	4	0.14%	24.30%	VVLQDGSVK	K	D
100.00%	3	3	4	0.14%	23.40%	GSNIIVLQGR	R	L
100.00%	3	3	4	0.14%	23.40%	INDTSILQIYK	K	D
100.00%	3	3	4	0.14%	23.40%	LSTQPTSNVK	K	L
100.00%	8	11	16	0.55%	20.60%	FNMTNFNDVR	R	T
100.00%	8	11	16	0.55%	20.60%	GAEGVIINST	K	A
100.00%	8	11	16	0.55%	20.60%	ISISAGAVSFR	R	T
100.00%	8	11	16	0.55%	20.60%	LGVTYGTATAR	R	S
100.00%	8	11	16	0.55%	20.60%	SFNGTSGTVR	R	R
100.00%	8	11	16	0.55%	20.60%	TGDTMYNDGR	R	L
100.00%	8	11	16	0.55%	20.60%	TSELGLTDGK	K	N
100.00%	8	11	16	0.55%	20.60%	YYIDTPTNTK	K	I
100.00%	12	13	23	0.78%	17.10%	DDLAPESFNK	K	I
100.00%	12	13	23	0.78%	17.10%	DIDLTTTEGTK	K	V
100.00%	12	13	23	0.78%	17.10%	DQYNDVTESK	K	K
100.00%	12	13	23	0.78%	17.10%	IADETDPSRLK	K	I
100.00%	12	13	23	0.78%	17.10%	QFVNIIPVSR	R	Y
100.00%	12	13	23	0.78%	17.10%	QGIEETSNSK	K	G
100.00%	12	13	23	0.78%	17.10%	QSPEVSQAPK	K	E
100.00%	12	13	23	0.78%	17.10%	RKDQYNDVTR	R	K
100.00%	12	13	23	0.78%	17.10%	VATDQYGYLK	K	Y
100.00%	12	13	23	0.78%	17.10%	VDSVPVEPTR	R	T
100.00%	12	13	23	0.78%	17.10%	YSINSVK	R	F
100.00%	12	13	23	0.78%	17.10%	YVGFDPIR	R	N
100.00%	2	2	3	0.10%	11.30%	DGTVDATDDK	K	V



100.00%	2	2	3	0.10%	11.30%	SPVDGVKPV	K	D
100.00%	4	4	4	0.14%	4.76%	AITNMSDPN	R	L
100.00%	4	4	4	0.14%	4.76%	DSAHGSTSL	R	S
100.00%	4	4	4	0.14%	4.76%	FIDINDPTGK	R	Y
100.00%	4	4	4	0.14%	4.76%	YQNTDVFTD	K	D
100.00%	4	4	8	0.25%	19.70%	AGTLADNSF	K	Q
100.00%	4	4	8	0.25%	19.70%	DGTPAAAAA	K	V
100.00%	4	4	8	0.25%	19.70%	KDGTAAAAA	K	V
100.00%	4	4	8	0.25%	19.70%	NQFIIAQALA	K	A
100.00%	7	8	10	0.32%	46.60%	AVVLSTSLTA	R	N
100.00%	7	8	10	0.32%	46.60%	DLTTFQGV	K	L
100.00%	7	8	10	0.32%	46.60%	FLNTEDADAI	R	G
100.00%	7	8	10	0.32%	46.60%	INGFSESGVL	R	N
100.00%	7	8	10	0.32%	46.60%	NAPAGVSAA	K	A
100.00%	7	8	10	0.32%	46.60%	RVIDIVQQR	K	A
100.00%	7	8	10	0.32%	46.60%	VIDIVQQR	R	A
100.00%	11	13	22	0.69%	32.80%	AIAEQYNIGG	K	G
100.00%	11	13	22	0.69%	32.80%	DFDVLGR	R	D
100.00%	11	13	22	0.69%	32.80%	FYVVQDAFR	R	T
100.00%	11	13	22	0.69%	32.80%	IQQADSEVP	R	Y
100.00%	11	13	22	0.69%	32.80%	IMPGDVIELP	K	D
100.00%	11	13	22	0.69%	32.80%	LPWTGANIE	R	V
100.00%	11	13	22	0.69%	32.80%	LTLPLYEK	K	D
100.00%	11	13	22	0.69%	32.80%	SYNVQAITLP	R	I
100.00%	11	13	22	0.69%	32.80%	TNDYNFIDK	R	A
100.00%	11	13	22	0.69%	32.80%	VSIQDVVKPN	R	K
100.00%	11	13	22	0.69%	32.80%	YVISGYEFPA	R	N
100.00%	25	36	87	2.74%	33.90%	DDFEDTENN	K	M
100.00%	25	36	87	2.74%	33.90%	DHMYIQEGG	R	D
100.00%	25	36	87	2.74%	33.90%	DSLANK	K	L
100.00%	25	36	87	2.74%	33.90%	DYFVGYGDE	K	C
100.00%	25	36	87	2.74%	33.90%	DYGEIIFEP	R	V
100.00%	25	36	87	2.74%	33.90%	EGVKDSLANK	R	L
100.00%	25	36	87	2.74%	33.90%	EVSNFYENE	R	T
100.00%	25	36	87	2.74%	33.90%	GTHIQLR	K	K
100.00%	25	36	87	2.74%	33.90%	IMGYYDDIK	R	E
100.00%	25	36	87	2.74%	33.90%	IVCSILLTMG	R	Q
100.00%	25	36	87	2.74%	33.90%	LISFYFSADT	K	M
100.00%	25	36	87	2.74%	33.90%	MLEYPEAGD	R	Y
100.00%	25	36	87	2.74%	33.90%	NWLNQNPDE	K	T
100.00%	25	36	87	2.74%	33.90%	QNELSETGY	R	A
100.00%	25	36	87	2.74%	33.90%	SFHIELRPED	K	G
100.00%	25	36	87	2.74%	33.90%	TEKDDFEDT	R	M
100.00%	25	36	87	2.74%	33.90%	TKDISNAIK	K	Y
100.00%	25	36	87	2.74%	33.90%	TVEEIANTMS	R	V
100.00%	25	36	87	2.74%	33.90%	VDTDTVFNEL	K	R

100.00%	25	36	87	2.74%	33.90%	VPPTLLK	K	Q
100.00%	25	36	87	2.74%	33.90%	VSTQYDDED	K	D
100.00%	25	36	87	2.74%	33.90%	YALSTYK	K	G
100.00%	25	36	87	2.74%	33.90%	YINSISTVK	K	V
100.00%	25	36	87	2.74%	33.90%	YNASVLSQP	K	K
100.00%	25	36	87	2.74%	33.90%	YYGEEPR	R	I
100.00%	5	5	7	0.22%	11.70%	EQMSGVTNR	R	N
100.00%	5	5	7	0.22%	11.70%	LDASSVIFPN	R	T
100.00%	5	5	7	0.22%	11.70%	TLPAGEAGA	K	S
100.00%	5	5	7	0.22%	11.70%	YTLGGESFV	R	C
100.00%	5	5	7	0.22%	11.70%	YWTTSVNGS	K	T
100.00%	3	3	4	0.13%	16.80%	FACEPSSEEL	K	V
100.00%	3	3	4	0.13%	16.80%	ILTELTPEYS	K	V
100.00%	3	3	4	0.13%	16.80%	LLDPEYK	R	E
100.00%	2	2	2	0.06%	14.30%	AMQEATAQA	R	A
100.00%	2	2	2	0.06%	14.30%	LNTMPSQGV	K	M
100.00%	2	2	3	0.09%	9.77%	DKISTETLK	K	L
100.00%	2	2	3	0.09%	9.77%	NNISGLLDHA	R	T
100.00%	6	7	12	0.38%	20.10%	ALWNQMR	K	K
100.00%	6	7	12	0.38%	20.10%	DSVGNMSLK	R	A
100.00%	6	7	12	0.38%	20.10%	EFNYYSQES	K	T
100.00%	6	7	12	0.38%	20.10%	KEFNYYSQE	R	T
100.00%	6	7	12	0.38%	20.10%	YGVVIPGASF	K	A
100.00%	6	7	12	0.38%	20.10%	YTWNTIEVAF	K	D
100.00%	1	1	1	0.03%	3.30%	NPPLEQYNA	K	V
100.00%	22	41	77	2.42%	47.80%	AFEGVLEFSI	K	R
100.00%	22	41	77	2.42%	47.80%	AFEGVLEFSI	K	F
100.00%	22	41	77	2.42%	47.80%	ANNPTTATV	R	Y
100.00%	22	41	77	2.42%	47.80%	FALGAVFSSQ	R	D
100.00%	22	41	77	2.42%	47.80%	FNMTNFNDV	R	T
100.00%	22	41	77	2.42%	47.80%	GAEGVIINST	K	A
100.00%	22	41	77	2.42%	47.80%	GAEGVIINST	K	Q
100.00%	22	41	77	2.42%	47.80%	GLYDAAVAH	R	A
100.00%	22	41	77	2.42%	47.80%	ISISAGAVSFI	R	T
100.00%	22	41	77	2.42%	47.80%	IVTASIPSTGH	R	T
100.00%	22	41	77	2.42%	47.80%	IVVAAFGR	K	I
100.00%	22	41	77	2.42%	47.80%	LGVTYGTATA	R	S
100.00%	22	41	77	2.42%	47.80%	LPAATSANSQ	K	G
100.00%	22	41	77	2.42%	47.80%	RTGDTMYND	R	L
100.00%	22	41	77	2.42%	47.80%	SFNGTSGTV	R	R
100.00%	22	41	77	2.42%	47.80%	SFNGTSGTV	R	T
100.00%	22	41	77	2.42%	47.80%	TFLASSNR	R	S
100.00%	22	41	77	2.42%	47.80%	TGDTMYNDG	R	L
100.00%	22	41	77	2.42%	47.80%	TSELGLTDGI	K	N
100.00%	22	41	77	2.42%	47.80%	YGIQLPVLNF	R	N
100.00%	22	41	77	2.42%	47.80%	YYIDTPTNT	K	I
100.00%	22	41	77	2.42%	47.80%	YYIDTPTNT	K	I

100.00%	6	6	10	0.32%	25.40%	AAIDAAETYE	K	A
100.00%	6	6	10	0.32%	25.40%	ALADFTR	K	E
100.00%	6	6	10	0.32%	25.40%	DEGFWTQK	R	D
100.00%	6	6	10	0.32%	25.40%	DVYENTGEF	K	E
100.00%	6	6	10	0.32%	25.40%	RDEGFWTQH	R	D
100.00%	6	6	10	0.32%	25.40%	TITYPINVVG	K	T
100.00%	3	3	5	0.16%	24.30%	NKSPFGVDG	R	L
100.00%	3	3	5	0.16%	24.30%	SINVFDLISAE	R	I
100.00%	3	3	5	0.16%	24.30%	VVLQDGSVV	K	D
100.00%	1	1	1	0.03%	4.14%	INDTSILQIYH	K	D
100.00%	4	4	5	0.16%	11.20%	FQQGIEEVNF	K	G
100.00%	4	4	5	0.16%	11.20%	LIQQIVTNINT	K	D
100.00%	4	4	5	0.16%	11.20%	MTVQVDTSG	K	S
100.00%	4	4	5	0.16%	11.20%	VFGEFQVK	R	N
100.00%	2	2	3	0.09%	3.50%	QSPEVSQAP	K	E
100.00%	2	2	3	0.09%	3.50%	VDSVPVEPTI	R	T
100.00%	8	13	19	0.60%	36.70%	FGGTAQSEIL	R	V
100.00%	8	13	19	0.60%	36.70%	GEPGEDSNN	K	N
100.00%	8	13	19	0.60%	36.70%	LDKDIGWSY	R	T
100.00%	8	13	19	0.60%	36.70%	NPYDIDVNEL	R	F
100.00%	8	13	19	0.60%	36.70%	NVIDTSYENAK	K	I
100.00%	8	13	19	0.60%	36.70%	QLPITPIEDNI	K	-
100.00%	8	13	19	0.60%	36.70%	TNAANEPTAK	K	G
100.00%	8	13	19	0.60%	36.70%	VWSDGILFR	K	G
99.90%	1	1	1	0.03%	0.87%	VSNGETYTIK	R	T
100.00%	5	5	11	0.35%	3.64%	AVIDYLDIK	K	G
100.00%	5	5	11	0.35%	3.64%	ITVGDVTFAD	R	A
100.00%	5	5	11	0.35%	3.64%	SAIEPYK	K	V
100.00%	5	5	11	0.35%	3.64%	TDLGVSGNQ	K	D
100.00%	5	5	11	0.35%	3.64%	VSSSEFQGQ	K	A
100.00%	1	1	1	0.03%	0.30%	AAAPIIEFNK	R	N
100.00%	2	2	3	0.09%	11.30%	DGTVDATDD	K	V
100.00%	2	2	3	0.09%	11.30%	SPVDGVKPV	K	D
100.00%	7	8	11	0.35%	26.40%	EIQTRPINK	R	Q
100.00%	7	8	11	0.35%	26.40%	IDASINGLNA	R	T
100.00%	7	8	11	0.35%	26.40%	MVLTNNGDS	R	V
100.00%	7	8	11	0.35%	26.40%	NTSGTGELLI	R	Q
100.00%	7	8	11	0.35%	26.40%	TDYNTYVTA	K	H
100.00%	7	8	11	0.35%	26.40%	VVINDADTTL	K	T
100.00%	7	8	11	0.35%	26.40%	YISFTQGTPT	K	T
100.00%	12	21	69	2.17%	46.70%	AAPTSQLEG	R	R
100.00%	12	21	69	2.17%	46.70%	ALPGAAAVV	R	V
100.00%	12	21	69	2.17%	46.70%	FVGVLNSTM	K	V
100.00%	12	21	69	2.17%	46.70%	GAANWAVVS	R	T
100.00%	12	21	69	2.17%	46.70%	ILRETVEAQS	R	R
100.00%	12	21	69	2.17%	46.70%	SYTGEINSDN	K	A
100.00%	12	21	69	2.17%	46.70%	TTEGTFEAPT	R	F

100.00%	12	21	69	2.17%	46.70%	VILPIIR	K	R
100.00%	12	21	69	2.17%	46.70%	VQYADNAPG	R	I
100.00%	12	21	69	2.17%	46.70%	VTGVATFVG	K	Q
100.00%	12	21	69	2.17%	46.70%	VYVDTYADD	R	G
100.00%	12	21	69	2.17%	46.70%	YGYVQLTDS	R	I
100.00%	9	10	17	0.54%	16.70%	FSDLSTNIDS	R	A
100.00%	9	10	17	0.54%	16.70%	MYSSQATLN	K	F
100.00%	9	10	17	0.54%	16.70%	NNPNPAIEAF	K	F
100.00%	9	10	17	0.54%	16.70%	QIAENTEPPR	R	N
100.00%	9	10	17	0.54%	16.70%	QMLQAANTL	R	N
100.00%	9	10	17	0.54%	16.70%	SVDELLAR	K	F
100.00%	9	10	17	0.54%	16.70%	TFTEPFNAFY	K	T
100.00%	9	10	17	0.54%	16.70%	TTPTASTTTP	K	T
100.00%	9	10	17	0.54%	16.70%	VLQNSLGK	R	L
100.00%	6	7	11	0.38%	23.40%	NPYDIDVNEL	R	F
100.00%	6	7	11	0.38%	23.40%	NVIDTSYENA	K	I
100.00%	6	7	11	0.38%	23.40%	QLPITPIEDNI	K	-
100.00%	6	7	11	0.38%	23.40%	TNAANEPTA	K	G
100.00%	6	7	11	0.38%	23.40%	VWSDGILFR	K	G
100.00%	6	7	11	0.38%	23.40%	YIVDEVNHEI	R	E
100.00%	3	3	4	0.14%	18.90%	DAIDDYKK	K	G
100.00%	3	3	4	0.14%	18.90%	EVPEVNAEE	K	A
100.00%	3	3	4	0.14%	18.90%	ILTELTPEYS	K	V
100.00%	8	10	20	0.68%	53.90%	ANVFDKDLT	R	L
100.00%	8	10	20	0.68%	53.90%	DLTTFQGVPA	K	L
100.00%	8	10	20	0.68%	53.90%	FLNTEDADAI	R	G
100.00%	8	10	20	0.68%	53.90%	INGFSESGVL	R	N
100.00%	8	10	20	0.68%	53.90%	NALVSIAGG	K	V
100.00%	8	10	20	0.68%	53.90%	NAPAGVSAA	K	A
100.00%	8	10	20	0.68%	53.90%	VIDIVQQR	R	A
100.00%	8	10	20	0.68%	53.90%	VTGAVASFA	K	F
100.00%	7	7	13	0.44%	52.80%	AGTLADNSF	K	Q
100.00%	7	7	13	0.44%	52.80%	AVLVTTALS	R	A
100.00%	7	7	13	0.44%	52.80%	DGTPAAAAA	K	V
100.00%	7	7	13	0.44%	52.80%	KDGTAAAAA	K	V
100.00%	7	7	13	0.44%	52.80%	NQFIIAQLA	K	A
100.00%	7	7	13	0.44%	52.80%	NYGMSANSR	R	E
100.00%	7	7	13	0.44%	52.80%	QENKPGSTY	K	K
100.00%	3	3	5	0.17%	6.55%	DTNDNWTIV	K	L
100.00%	3	3	5	0.17%	6.55%	FYVVQDAFR	R	T
100.00%	3	3	5	0.17%	6.55%	LTLPLVLYEK	K	D
100.00%	7	7	10	0.34%	28.00%	EIQTRPINK	R	Q
100.00%	7	7	10	0.34%	28.00%	IDASINGLNA	R	T
100.00%	7	7	10	0.34%	28.00%	MVLTNNGDS	R	V
100.00%	7	7	10	0.34%	28.00%	NTSGTGELLI	R	Q
100.00%	7	7	10	0.34%	28.00%	TDYNTYVTA	K	H

100.00%	7	7	10	0.34%	28.00%	TQWSALLQL	R	-
100.00%	7	7	10	0.34%	28.00%	VVINDADTTL	K	T
100.00%	14	23	99	3.38%	57.00%	AAPTSQLEG	R	R
100.00%	14	23	99	3.38%	57.00%	ALPGAAAVV	R	V
100.00%	14	23	99	3.38%	57.00%	FVGVLNSTM	K	V
100.00%	14	23	99	3.38%	57.00%	GAANWAVVS	R	T
100.00%	14	23	99	3.38%	57.00%	ILRETVEAQS	R	R
100.00%	14	23	99	3.38%	57.00%	LRALPGAAA	R	V
100.00%	14	23	99	3.38%	57.00%	SYTGEINSDN	K	A
100.00%	14	23	99	3.38%	57.00%	TTEGTFEAPT	R	F
100.00%	14	23	99	3.38%	57.00%	VILPIIR	K	R
100.00%	14	23	99	3.38%	57.00%	VQYADNAPG	R	I
100.00%	14	23	99	3.38%	57.00%	VTGVATFVG	K	Q
100.00%	14	23	99	3.38%	57.00%	VYVDYADD	R	G
100.00%	14	23	99	3.38%	57.00%	WTVESAQDA	R	L
100.00%	14	23	99	3.38%	57.00%	YGYVQLTDS	R	I
100.00%	9	11	23	0.79%	20.00%	CGEGQYVTC	R	S
100.00%	9	11	23	0.79%	20.00%	GAEIAVNR	R	Y
100.00%	9	11	23	0.79%	20.00%	GAIYHSNTTN	R	F
100.00%	9	11	23	0.79%	20.00%	LDASSVIFPN	R	T
100.00%	9	11	23	0.79%	20.00%	NGTAGAPYV	R	T
100.00%	9	11	23	0.79%	20.00%	TLPAGEAGA	K	S
100.00%	9	11	23	0.79%	20.00%	VYSGAIVTGE	R	Q
100.00%	9	11	23	0.79%	20.00%	YTLGGESFV	R	C
100.00%	9	11	23	0.79%	20.00%	YWTTSVNGS	K	T
100.00%	3	3	6	0.21%	4.74%	NNPNAIEAF	K	F
100.00%	3	3	6	0.21%	4.74%	QIAENTEPPR	R	N
100.00%	3	3	6	0.21%	4.74%	TFTEPFNAFY	K	T
100.00%	9	9	15	0.51%	13.40%	DDFEDTENN	K	M
100.00%	9	9	15	0.51%	13.40%	IMGYYDDIK	R	E
100.00%	9	9	15	0.51%	13.40%	MLEYPEAGD	R	Y
100.00%	9	9	15	0.51%	13.40%	NWLNQNPDE	K	T
100.00%	9	9	15	0.51%	13.40%	QNELSETGY	R	A
100.00%	9	9	15	0.51%	13.40%	TEKDDFEDT	R	M
100.00%	9	9	15	0.51%	13.40%	VDTDTVFNEI	K	R
100.00%	9	9	15	0.51%	13.40%	VSTQYDDED	K	D
100.00%	9	9	15	0.51%	13.40%	YYGEEPR	R	I
100.00%	3	4	6	0.21%	19.60%	AMQEATAQA	R	A
100.00%	3	4	6	0.21%	19.60%	LNTMPSQGV	K	M
100.00%	3	4	6	0.21%	19.60%	VQALTQDLQ	K	V
100.00%	2	2	4	0.14%	9.77%	DKISTETLK	K	L
100.00%	2	2	4	0.14%	9.77%	NNISGLLDHA	R	T
100.00%	5	6	10	0.34%	17.20%	DSVGNMSLK	R	A
100.00%	5	6	10	0.34%	17.20%	EFNYYSQES	K	T
100.00%	5	6	10	0.34%	17.20%	KEFNYSQER	R	T
100.00%	5	6	10	0.34%	17.20%	YGVVIPGASF	K	A
100.00%	5	6	10	0.34%	17.20%	YTWNTIEVAF	K	D

100.00%	2	2	2	0.07%	10.40%	AGTAGYDIIT	R	N
100.00%	2	2	2	0.07%	10.40%	NPPLEQYNA	K	V
100.00%	8	9	11	0.38%	23.60%	AGYELPVVVI	R	A
100.00%	8	9	11	0.38%	23.60%	NAQGVVDMN	K	N
100.00%	8	9	11	0.38%	23.60%	STLNPLVDLF	K	N
100.00%	8	9	11	0.38%	23.60%	SVAYAAIAEA	K	W
100.00%	8	9	11	0.38%	23.60%	VAVAQQVPA	R	N
100.00%	8	9	11	0.38%	23.60%	VIPVLAEFGR	R	W
100.00%	8	9	11	0.38%	23.60%	VNAGALFPYI	K	K
100.00%	8	9	11	0.38%	23.60%	YWGGSTNIE	R	V
100.00%	7	8	15	0.51%	30.00%	AAIDAAETYE	K	A
100.00%	7	8	15	0.51%	30.00%	ALADFTR	K	E
100.00%	7	8	15	0.51%	30.00%	DEGFWTQK	R	D
100.00%	7	8	15	0.51%	30.00%	DVYENTGEF	K	E
100.00%	7	8	15	0.51%	30.00%	RDEGFWTQH	R	D
100.00%	7	8	15	0.51%	30.00%	TGNTYGDISH	K	L
100.00%	7	8	15	0.51%	30.00%	TITYPINVVGH	K	T
100.00%	4	4	6	0.21%	24.30%	NKSPFGVDG	R	L
100.00%	4	4	6	0.21%	24.30%	SINVFDLISAD	R	I
100.00%	4	4	6	0.21%	24.30%	SPFGVDGINV	K	L
100.00%	4	4	6	0.21%	24.30%	VVLQDGSVV	K	D
100.00%	2	2	2	0.07%	10.30%	GTVPDAPSLQ	R	I
100.00%	2	2	2	0.07%	10.30%	INDTSILQIYH	K	D
100.00%	11	15	24	0.82%	29.80%	APAAYTTVM	R	E
100.00%	11	15	24	0.82%	29.80%	DELEIDLGNV	K	N
100.00%	11	15	24	0.82%	29.80%	ENEYVDELD	R	Q
100.00%	11	15	24	0.82%	29.80%	ENEYVDELD	R	Y
100.00%	11	15	24	0.82%	29.80%	FQQGIEEVNF	K	G
100.00%	11	15	24	0.82%	29.80%	GTNIKPNDLF	K	I
100.00%	11	15	24	0.82%	29.80%	INYYYDQQFF	K	R
100.00%	11	15	24	0.82%	29.80%	LIQQIVTNINT	K	D
100.00%	11	15	24	0.82%	29.80%	MTVQVDTSG	K	S
100.00%	11	15	24	0.82%	29.80%	NMCILVDR	K	V
100.00%	11	15	24	0.82%	29.80%	YLDPDFDEK	K	E
100.00%	6	8	9	0.31%	14.80%	ISISAGAVSFI	R	T
100.00%	6	8	9	0.31%	14.80%	LPAATSANSQ	K	G
100.00%	6	8	9	0.31%	14.80%	SFNGTSGTV	R	R
100.00%	6	8	9	0.31%	14.80%	TGDTMYNDG	R	L
100.00%	6	8	9	0.31%	14.80%	TSELGLTDGI	K	N
100.00%	6	8	9	0.31%	14.80%	YYIDTPTNT	K	I
100.00%	2	2	4	0.14%	2.88%	QGIEETSNSV	K	G
100.00%	2	2	4	0.14%	2.88%	VDSVPVEPT	R	T
100.00%	3	3	5	0.17%	2.04%	AVIDYLDIK	K	G
100.00%	3	3	5	0.17%	2.04%	TDLGVSGNQ	K	D
100.00%	3	3	5	0.17%	2.04%	VSSSEFQGQ	K	A
100.00%	7	11	20	0.68%	28.60%	FGGTAQSEIL	R	V

100.00%	7	11	20	0.68%	28.60%	GEPGEDSNN	K	N
100.00%	7	11	20	0.68%	28.60%	NPYDIDVNEL	R	F
100.00%	7	11	20	0.68%	28.60%	NVIDTSYENA	K	I
100.00%	7	11	20	0.68%	28.60%	QLPITPIEDNI	K	-
100.00%	7	11	20	0.68%	28.60%	VWSDGILFR	K	G
100.00%	7	11	20	0.68%	28.60%	YIVDEVNHEI	R	E
100.00%	2	2	2	0.07%	1.40%	TDLGVSGNQ	K	D
100.00%	2	2	2	0.07%	1.40%	TVTWDSSYK	R	I
100.00%	12	24	186	6.28%	45.90%	AAPTSQLEG	R	R
100.00%	12	24	186	6.28%	45.90%	ALPGAAAVV	R	V
100.00%	12	24	186	6.28%	45.90%	ETVEAQRS	R	R
100.00%	12	24	186	6.28%	45.90%	FVGVLNSTM	K	V
100.00%	12	24	186	6.28%	45.90%	GAANWAVVS	R	T
100.00%	12	24	186	6.28%	45.90%	SYTGEINSDN	K	A
100.00%	12	24	186	6.28%	45.90%	TTEGTFEAPT	R	F
100.00%	12	24	186	6.28%	45.90%	VILPIIR	K	R
100.00%	12	24	186	6.28%	45.90%	VQYADNAPG	R	I
100.00%	12	24	186	6.28%	45.90%	VTGVATFVGI	K	Q
100.00%	12	24	186	6.28%	45.90%	VYVDTYADD	R	G
100.00%	12	24	186	6.28%	45.90%	YGYVQLTDS	R	I
100.00%	7	10	18	0.61%	59.80%	DLTTFQGVPI	K	L
100.00%	7	10	18	0.61%	59.80%	FLNTEDADAI	R	G
100.00%	7	10	18	0.61%	59.80%	INGFSESGVL	R	N
100.00%	7	10	18	0.61%	59.80%	LLIDDLTGVP	R	V
100.00%	7	10	18	0.61%	59.80%	NAPAGVSAA	K	A
100.00%	7	10	18	0.61%	59.80%	VIDIVQQR	R	A
100.00%	7	10	18	0.61%	59.80%	VTGAVASFAI	K	F
100.00%	5	5	12	0.41%	34.40%	AGTLADNSFK	K	Q
100.00%	5	5	12	0.41%	34.40%	AVLVTTSALS	R	A
100.00%	5	5	12	0.41%	34.40%	DGTPAAAAA	K	V
100.00%	5	5	12	0.41%	34.40%	KDGTAAAAA	K	V
100.00%	5	5	12	0.41%	34.40%	NQFIIAQALAI	K	A
100.00%	4	5	11	0.37%	16.70%	DSVGNMSLK	R	A
100.00%	4	5	11	0.37%	16.70%	EFNYYSQES	K	T
100.00%	4	5	11	0.37%	16.70%	YGVVIPGASF	K	A
100.00%	4	5	11	0.37%	16.70%	YTWNTIEVAR	K	D
100.00%	2	2	2	0.07%	4.24%	FYVVQDAFR	R	T
100.00%	2	2	2	0.07%	4.24%	IMPGDVIELP	K	D
100.00%	2	2	3	0.10%	8.52%	IDVQGLESNE	R	M
100.00%	2	2	3	0.10%	8.52%	MLALAGQAE	R	G
100.00%	10	12	17	0.57%	41.80%	EIQTRPINK	R	Q
100.00%	10	12	17	0.57%	41.80%	GSFYVDNAG	K	R
100.00%	10	12	17	0.57%	41.80%	IDASINGLNAI	R	T
100.00%	10	12	17	0.57%	41.80%	MVLTNNGDS	R	V
100.00%	10	12	17	0.57%	41.80%	NTSGTGELLI	R	Q
100.00%	10	12	17	0.57%	41.80%	QYESLLDINY	K	Y
100.00%	10	12	17	0.57%	41.80%	TDYNTYVTAI	K	H

100.00%	10	12	17	0.57%	41.80%	TQWSALLQL	R	-
100.00%	10	12	17	0.57%	41.80%	VVINDADTTL	K	T
100.00%	10	12	17	0.57%	41.80%	YISFTQGTPT	K	T
100.00%	9	10	16	0.54%	11.80%	DHMYIQEGG	R	D
100.00%	9	10	16	0.54%	11.80%	DYFVGYGDE	K	C
100.00%	9	10	16	0.54%	11.80%	IEGTPILSGR	K	L
100.00%	9	10	16	0.54%	11.80%	IMGYDDIK	R	E
100.00%	9	10	16	0.54%	11.80%	NWLNQNPDE	K	T
100.00%	9	10	16	0.54%	11.80%	QNELSETGY	R	A
100.00%	9	10	16	0.54%	11.80%	TEKDDFEDT	R	M
100.00%	9	10	16	0.54%	11.80%	TVEEIANTMS	R	V
100.00%	9	10	16	0.54%	11.80%	YYGEEPR	R	I
100.00%	3	4	5	0.17%	17.80%	DAIDDYKK	K	G
100.00%	3	4	5	0.17%	17.80%	ILTELTPEYS	K	V
100.00%	3	4	5	0.17%	17.80%	TPYAEYMSA	K	K
100.00%	4	6	9	0.30%	25.90%	AMQEATAQA	R	A
100.00%	4	6	9	0.30%	25.90%	HIEDAINQSIY	K	-
100.00%	4	6	9	0.30%	25.90%	LNTMPSQGV	K	M
100.00%	4	6	9	0.30%	25.90%	VQALTQDLQ	K	V
100.00%	3	5	6	0.20%	20.00%	AEHGVEAAE	K	N
100.00%	3	5	6	0.20%	20.00%	NNISGLLDHA	R	T
100.00%	3	5	6	0.20%	20.00%	QAEVINNMG	R	I
100.00%	5	7	9	0.30%	18.10%	DVNLPTQF	R	I
100.00%	5	7	9	0.30%	18.10%	NPPLEQYNA	K	V
100.00%	5	7	9	0.30%	18.10%	NVGITTIGK	K	I
100.00%	5	7	9	0.30%	18.10%	VFSSAGEGG	R	L
100.00%	5	7	9	0.30%	18.10%	YYYGDFFTK	K	S
100.00%	7	8	12	0.41%	33.80%	AAIDAAETYE	K	A
100.00%	7	8	12	0.41%	33.80%	ALADFTR	K	E
100.00%	7	8	12	0.41%	33.80%	DEGFWTQK	R	D
100.00%	7	8	12	0.41%	33.80%	DTLYFAGFEF	R	T
100.00%	7	8	12	0.41%	33.80%	DVYENTGEF	K	E
100.00%	7	8	12	0.41%	33.80%	MIYLSVVK	R	D
100.00%	7	8	12	0.41%	33.80%	TGNTYGDISH	K	L
100.00%	4	5	8	0.27%	24.30%	NKSPFGVDG	R	L
100.00%	4	5	8	0.27%	24.30%	SINVFDLISAI	R	I
100.00%	4	5	8	0.27%	24.30%	SPFGVDGINV	K	L
100.00%	4	5	8	0.27%	24.30%	VVLQDGSVV	K	D
100.00%	2	2	2	0.07%	10.60%	KVDSNVITR	R	Y
100.00%	2	2	2	0.07%	10.60%	QALGDTNIID	R	N
100.00%	2	2	4	0.14%	10.30%	GTVPAPSL	R	I
100.00%	2	2	4	0.14%	10.30%	INDTSILQIYH	K	D
99.90%	1	2	2	0.07%	2.32%	TGDTMYNDG	R	L
100.00%	5	5	10	0.23%	23.90%	AGTLADNSF	K	Q
100.00%	5	5	10	0.23%	23.90%	DGTPAAAAA	K	V
100.00%	5	5	10	0.23%	23.90%	KDGTAAAAA	K	V



100.00%	5	5	10	0.23%	23.90%	NQFIIAQA	K	A
100.00%	5	5	10	0.23%	23.90%	NYGMSANS	R	E
100.00%	12	17	33	0.75%	53.30%	DLTQIVDT	K	V
100.00%	12	17	33	0.75%	53.30%	EIQTRPINK	R	Q
100.00%	12	17	33	0.75%	53.30%	GSFYVDNAG	K	R
100.00%	12	17	33	0.75%	53.30%	IDASINGLNA	R	T
100.00%	12	17	33	0.75%	53.30%	MVLTNNGDS	R	V
100.00%	12	17	33	0.75%	53.30%	NTSGTGELLI	R	Q
100.00%	12	17	33	0.75%	53.30%	QVNLDTSGN	R	G
100.00%	12	17	33	0.75%	53.30%	QYESLLDINY	K	Y
100.00%	12	17	33	0.75%	53.30%	TDYNTYVTA	K	H
100.00%	12	17	33	0.75%	53.30%	TQWSALLQL	R	-
100.00%	12	17	33	0.75%	53.30%	VVINDADTTL	K	T
100.00%	12	17	33	0.75%	53.30%	YISFTQGTPT	K	T
100.00%	2	2	2	0.05%	10.30%	GTVPAPSL	R	I
100.00%	2	2	2	0.05%	10.30%	INDTSILQIYH	K	D
100.00%	2	2	2	0.05%	14.30%	AMQEATAQA	R	A
100.00%	2	2	2	0.05%	14.30%	LNTMPSQGV	K	M
100.00%	4	4	4	0.09%	16.30%	ALWNQMR	K	K
100.00%	4	4	4	0.09%	16.30%	KEFNYSQE	R	T
100.00%	4	4	4	0.09%	16.30%	YGVVIPGASF	K	A
100.00%	4	4	4	0.09%	16.30%	YTWNTIEVAR	K	D
100.00%	6	6	9	0.20%	23.00%	AEADANFAK	K	L
100.00%	6	6	9	0.20%	23.00%	FVEVAQPGF	K	M
100.00%	6	6	9	0.20%	23.00%	MPFITDTK	K	A
100.00%	6	6	9	0.20%	23.00%	MTAQVAVEQ	R	A
100.00%	6	6	9	0.20%	23.00%	QVPQALENV	R	Y
100.00%	6	6	9	0.20%	23.00%	YNSIDAMISR	K	V
100.00%	9	10	14	0.32%	37.10%	AGTAGYDIIT	R	N
100.00%	9	10	14	0.32%	37.10%	DVNLPTQF	R	I
100.00%	9	10	14	0.32%	37.10%	NDVLSPIEF	R	S
100.00%	9	10	14	0.32%	37.10%	NIGSAVVK	R	G
100.00%	9	10	14	0.32%	37.10%	NPPLEQYNA	K	V
100.00%	9	10	14	0.32%	37.10%	NVGITTIGK	K	I
100.00%	9	10	14	0.32%	37.10%	SMESAGEPS	K	Y
100.00%	9	10	14	0.32%	37.10%	VFSSAGEGG	R	L
100.00%	9	10	14	0.32%	37.10%	YYYGDFFTK	K	S
100.00%	6	6	9	0.20%	35.20%	ANVFDKDLT	R	L
100.00%	6	6	9	0.20%	35.20%	DLTTFQGVPA	K	L
100.00%	6	6	9	0.20%	35.20%	FLNTEDADAI	R	G
100.00%	6	6	9	0.20%	35.20%	INGFSESGVL	R	N
100.00%	6	6	9	0.20%	35.20%	VIDIVQQR	R	A
100.00%	6	6	9	0.20%	35.20%	VTGAVASFA	K	F
100.00%	6	6	9	0.20%	30.50%	AAIDAAETYE	K	A
100.00%	6	6	9	0.20%	30.50%	ALADFTR	K	E
100.00%	6	6	9	0.20%	30.50%	DTLYFAGFER	R	T
100.00%	6	6	9	0.20%	30.50%	DVYENTGEF	K	E

100.00%	6	6	9	0.20%	30.50%	RDEGFWTQH	R	D
100.00%	6	6	9	0.20%	30.50%	TGNTYGDISH	K	L
100.00%	3	3	5	0.11%	23.40%	SINVFDLISAI	R	I
100.00%	3	3	5	0.11%	23.40%	SPFGVDGINV	K	L
100.00%	3	3	5	0.11%	23.40%	VVLQDGSVV	K	D
100.00%	3	3	4	0.09%	20.00%	AEHGVEAAE	K	N
100.00%	3	3	4	0.09%	20.00%	NNISGLLDHAR	R	T
100.00%	3	3	4	0.09%	20.00%	QAEVINNMGR	R	I
100.00%	8	14	38	0.86%	30.70%	FGGTAQSEII	R	V
100.00%	8	14	38	0.86%	30.70%	GDKGEPGED	K	N
100.00%	8	14	38	0.86%	30.70%	GEPGEDSNN	K	N
100.00%	8	14	38	0.86%	30.70%	NPYDIDVNEL	R	F
100.00%	8	14	38	0.86%	30.70%	NVIDTSYENAK	K	I
100.00%	8	14	38	0.86%	30.70%	QLPITPIEDNI	K	-
100.00%	8	14	38	0.86%	30.70%	TNAANEPTAK	K	G
100.00%	8	14	38	0.86%	30.70%	VWSDGILFR	K	G
100.00%	16	35	460	10.40%	64.40%	AAPTSQLEG	R	R
100.00%	16	35	460	10.40%	64.40%	ALPGAAAVV	R	V
100.00%	16	35	460	10.40%	64.40%	ETVEAQSR	R	R
100.00%	16	35	460	10.40%	64.40%	FVGVLNSTM	K	V
100.00%	16	35	460	10.40%	64.40%	GAANWAVVS	R	T
100.00%	16	35	460	10.40%	64.40%	QANEVAR	R	R
100.00%	16	35	460	10.40%	64.40%	RVMPVTIANER	R	V
100.00%	16	35	460	10.40%	64.40%	SYTGEINSDN	K	A
100.00%	16	35	460	10.40%	64.40%	TTEGTFEAPT	R	F
100.00%	16	35	460	10.40%	64.40%	VILPIIR	K	R
100.00%	16	35	460	10.40%	64.40%	VMPTVIANEII	R	V
100.00%	16	35	460	10.40%	64.40%	VQYADNAPGR	R	I
100.00%	16	35	460	10.40%	64.40%	VTGVATFVG	K	Q
100.00%	16	35	460	10.40%	64.40%	VYVDTYADD	R	G
100.00%	16	35	460	10.40%	64.40%	WTVESAQDAR	R	L
100.00%	16	35	460	10.40%	64.40%	YGYVQLTDS	R	I
100.00%	2	2	2	0.05%	2.92%	NWLNQNPDE	K	T
100.00%	2	2	2	0.05%	2.92%	TVEEIANMRS	R	V
100.00%	7	8	19	0.55%	52.80%	AGTLADNSF	K	Q
100.00%	7	8	19	0.55%	52.80%	AVLVTTTSALS	R	A
100.00%	7	8	19	0.55%	52.80%	DGTPAAAAA	K	V
100.00%	7	8	19	0.55%	52.80%	KDGTAAAAA	K	V
100.00%	7	8	19	0.55%	52.80%	NQFIIAQALA	K	A
100.00%	7	8	19	0.55%	52.80%	NYGMSANSFR	R	E
100.00%	7	8	19	0.55%	52.80%	QENKPGSTY	K	K
100.00%	10	15	32	0.93%	66.20%	ANVFDKDLT	R	L
100.00%	10	15	32	0.93%	66.20%	DLTTFQGVPA	K	L
100.00%	10	15	32	0.93%	66.20%	FLNTEDADAI	R	G
100.00%	10	15	32	0.93%	66.20%	INGFSESGVL	R	N
100.00%	10	15	32	0.93%	66.20%	NALVSIAGG	K	V

100.00%	10	15	32	0.93%	66.20%	NAPAGVSAA	K	A
100.00%	10	15	32	0.93%	66.20%	RVIDIVQQR	K	A
100.00%	10	15	32	0.93%	66.20%	VDGTAFVVA	R	R
100.00%	10	15	32	0.93%	66.20%	VIDIVQQR	R	A
100.00%	10	15	32	0.93%	66.20%	VTGAVASFA	K	F
100.00%	8	10	15	0.44%	40.50%	DAIDDYKK	K	G
100.00%	8	10	15	0.44%	40.50%	EVPEVNAEE	K	A
100.00%	8	10	15	0.44%	40.50%	FACEPSSEI	K	V
100.00%	8	10	15	0.44%	40.50%	ILTELTPESY	K	V
100.00%	8	10	15	0.44%	40.50%	LTDRYDAFEV	R	K
100.00%	8	10	15	0.44%	40.50%	TPYAEYMSA	K	K
100.00%	8	10	15	0.44%	40.50%	YDAFEVGPLR	R	K
100.00%	8	10	15	0.44%	40.50%	YDAFEVGPLR	R	T
100.00%	5	9	15	0.44%	24.20%	AEHGVEAAE	K	N
100.00%	5	9	15	0.44%	24.20%	DKISTETLK	K	L
100.00%	5	9	15	0.44%	24.20%	ISTETLK	K	L
100.00%	5	9	15	0.44%	24.20%	NNISGLLDHA	R	T
100.00%	5	9	15	0.44%	24.20%	QAEVINNMG	R	I
100.00%	5	8	49	1.43%	17.20%	DSVGNMSLK	R	A
100.00%	5	8	49	1.43%	17.20%	EFNYYSQES	K	T
100.00%	5	8	49	1.43%	17.20%	KEFNYSQE	R	T
100.00%	5	8	49	1.43%	17.20%	YGVVIPGASH	K	A
100.00%	5	8	49	1.43%	17.20%	YTWNTIEVAR	K	D
100.00%	5	6	10	0.29%	19.20%	AEADANFAK	K	L
100.00%	5	6	10	0.29%	19.20%	AIQVTGESR	K	R
100.00%	5	6	10	0.29%	19.20%	MTAQVAVEQ	R	A
100.00%	5	6	10	0.29%	19.20%	QVPQALENV	R	Y
100.00%	5	6	10	0.29%	19.20%	YTAISAVQDF	K	T
100.00%	2	2	3	0.09%	7.16%	LPAYLNTAQ	K	D
100.00%	2	2	3	0.09%	7.16%	LSSMSDDAN	K	C
100.00%	2	2	2	0.06%	4.04%	INYYDGQFF	K	R
100.00%	2	2	2	0.06%	4.04%	VFGEFQVK	R	N
100.00%	11	13	31	0.90%	46.00%	AAIDAAETYE	K	A
100.00%	11	13	31	0.90%	46.00%	ALADFTR	K	E
100.00%	11	13	31	0.90%	46.00%	DEGFWTQK	R	D
100.00%	11	13	31	0.90%	46.00%	DTLYFAGFER	R	T
100.00%	11	13	31	0.90%	46.00%	DVYENTGEF	K	E
100.00%	11	13	31	0.90%	46.00%	ELFIAR	R	N
100.00%	11	13	31	0.90%	46.00%	MIYLSVVK	R	D
100.00%	11	13	31	0.90%	46.00%	RDTLYFAGFE	K	T
100.00%	11	13	31	0.90%	46.00%	TGNTYGDISH	K	L
100.00%	11	13	31	0.90%	46.00%	TGNTYGDISH	K	R
100.00%	11	13	31	0.90%	46.00%	TITYPINVVG	K	T
100.00%	4	4	10	0.29%	24.30%	NKSPFGVDG	R	L
100.00%	4	4	10	0.29%	24.30%	SINVFDLISAI	R	I
100.00%	4	4	10	0.29%	24.30%	SPFGVDGINV	K	L
100.00%	4	4	10	0.29%	24.30%	VVLQDGSVV	K	D

100.00%	4	4	7	0.20%	22.50%	HFVDGQLVS	R	V
100.00%	4	4	7	0.20%	22.50%	KVDSNVITIR	R	Y
100.00%	4	4	7	0.20%	22.50%	QALGDTNIID	R	N
100.00%	4	4	7	0.20%	22.50%	VVSNEYEINL	K	Q
100.00%	4	5	15	0.44%	29.70%	GSNIIVQLQG	R	L
100.00%	4	5	15	0.44%	29.70%	GTVDPAPSL	R	I
100.00%	4	5	15	0.44%	29.70%	INDTSILQIYH	K	D
100.00%	4	5	15	0.44%	29.70%	LSTQPTSNNV	K	L
100.00%	2	2	3	0.09%	4.17%	ISISAGAVSFI	R	T
100.00%	2	2	3	0.09%	4.17%	TGDTMYNDGR	R	L
100.00%	3	4	6	0.18%	19.60%	AMQEATAQAR	R	A
100.00%	3	4	6	0.18%	19.60%	LNTMPSQGVK	K	M
100.00%	3	4	6	0.18%	19.60%	VQALTQDLQK	K	V
100.00%	2	3	3	0.09%	9.54%	DNIYFINQTS	R	L
100.00%	2	3	3	0.09%	9.54%	YIYCAGGYSS	R	F
100.00%	8	14	25	0.73%	46.20%	AYFENLR	R	D
100.00%	8	14	25	0.73%	46.20%	DAAANYVYK	K	V
100.00%	8	14	25	0.73%	46.20%	DVGTTNPEN	R	M
100.00%	8	14	25	0.73%	46.20%	MTITLQLEQQ	K	F
100.00%	8	14	25	0.73%	46.20%	SVTLMDFGR	R	T
100.00%	8	14	25	0.73%	46.20%	TAALSQNPDI	R	Y
100.00%	8	14	25	0.73%	46.20%	VTNGMVWNN	R	T
100.00%	8	14	25	0.73%	46.20%	YIYNDIPVIK	R	S
100.00%	4	5	9	0.26%	17.50%	GYNDSMSQR	R	F
100.00%	4	5	9	0.26%	17.50%	SINVFDLIDPV	R	V
100.00%	4	5	9	0.26%	17.50%	VLDYSLTDD	R	G
100.00%	4	5	9	0.26%	17.50%	VQLTGYNTNK	K	V
100.00%	9	15	26	0.76%	39.40%	DIGWSYLSLTK	K	T
100.00%	9	15	26	0.76%	39.40%	FGGTAQSEIR	R	V
100.00%	9	15	26	0.76%	39.40%	GEPGEDSNNK	K	N
100.00%	9	15	26	0.76%	39.40%	NPYDIDVNEL	R	F
100.00%	9	15	26	0.76%	39.40%	NVIDTSYENAK	K	I
100.00%	9	15	26	0.76%	39.40%	QLPITPIEDNIK	K	-
100.00%	9	15	26	0.76%	39.40%	TNAANEPTAK	K	G
100.00%	9	15	26	0.76%	39.40%	VWSDGILFRK	K	G
100.00%	9	15	26	0.76%	39.40%	YIVDEVNHEIR	R	E
100.00%	3	3	4	0.12%	2.04%	TDLGVSGNQK	K	D
100.00%	3	3	4	0.12%	2.04%	TVTWDSSYKR	R	I
100.00%	3	3	4	0.12%	2.04%	VSSSEFQGGK	K	A
100.00%	1	1	2	0.06%	0.33%	IDGFVLQAGIR	R	I
100.00%	2	3	5	0.15%	8.48%	SPVDGVKPKV	K	D
100.00%	2	3	5	0.15%	8.48%	VEDHNNVMDK	K	H
100.00%	2	2	3	0.09%	8.52%	IDVQGLESNER	R	M
100.00%	2	2	3	0.09%	8.52%	MLALAGQAE	R	G
100.00%	10	12	15	0.44%	44.00%	EIQTRPINK	R	Q
100.00%	10	12	15	0.44%	44.00%	GSFYVDNAGK	K	R
100.00%	10	12	15	0.44%	44.00%	IDASINGLNA	R	T

100.00%	10	12	15	0.44%	44.00%	MVLTNNGDS	R	V
100.00%	10	12	15	0.44%	44.00%	NTSGTGELLI	R	Q
100.00%	10	12	15	0.44%	44.00%	QVNLDTSGN	R	G
100.00%	10	12	15	0.44%	44.00%	QYESLLDINY	K	Y
100.00%	10	12	15	0.44%	44.00%	TQWSALLQL	R	-
100.00%	10	12	15	0.44%	44.00%	VVINDADTTL	K	T
100.00%	10	12	15	0.44%	44.00%	YISFTQGTPT	K	T
100.00%	12	26	165	4.81%	45.90%	AAPTSQLEG	R	R
100.00%	12	26	165	4.81%	45.90%	ALPAAAAVV	R	V
100.00%	12	26	165	4.81%	45.90%	ETVEAQR	R	R
100.00%	12	26	165	4.81%	45.90%	FVGVLNSTM	K	V
100.00%	12	26	165	4.81%	45.90%	GAANWAVV	R	T
100.00%	12	26	165	4.81%	45.90%	SYTGEINSDN	K	A
100.00%	12	26	165	4.81%	45.90%	TTEGTFEAPT	R	F
100.00%	12	26	165	4.81%	45.90%	VILPIR	K	R
100.00%	12	26	165	4.81%	45.90%	VQYADNAPG	R	I
100.00%	12	26	165	4.81%	45.90%	VTGVATFVG	K	Q
100.00%	12	26	165	4.81%	45.90%	VYVDYADD	R	G
100.00%	12	26	165	4.81%	45.90%	YGYVQLTDS	R	I
100.00%	5	6	8	0.23%	10.80%	GITTSQVTK	K	T
100.00%	5	6	8	0.23%	10.80%	LDASSVIFPN	R	T
100.00%	5	6	8	0.23%	10.80%	NGTAGAPYV	R	T
100.00%	5	6	8	0.23%	10.80%	TLPAGEAGA	K	S
100.00%	5	6	8	0.23%	10.80%	VYSGAIVTGE	R	Q
100.00%	13	14	20	0.58%	20.00%	DHMYIQEGG	R	D
100.00%	13	14	20	0.58%	20.00%	DYFVGYGDE	K	C
100.00%	13	14	20	0.58%	20.00%	IEGTPILSGR	K	L
100.00%	13	14	20	0.58%	20.00%	NWLNQNPDE	K	T
100.00%	13	14	20	0.58%	20.00%	QNELSETGY	R	A
100.00%	13	14	20	0.58%	20.00%	TVEEIANTMS	R	V
100.00%	13	14	20	0.58%	20.00%	VDTDTVFNEI	K	R
100.00%	13	14	20	0.58%	20.00%	VFVVANDEV	K	F
100.00%	13	14	20	0.58%	20.00%	VSTQYDDED	K	D
100.00%	13	14	20	0.58%	20.00%	YINSISTVK	K	V
100.00%	13	14	20	0.58%	20.00%	YNASVLSQP	K	K
100.00%	13	14	20	0.58%	20.00%	YWSDEEGSF	K	-
100.00%	13	14	20	0.58%	20.00%	YYGEEPR	R	I
100.00%	4	4	5	0.15%	24.10%	FTQANFTYTS	K	Q
100.00%	4	4	5	0.15%	24.10%	FYADGVLIK	R	T
100.00%	4	4	5	0.15%	24.10%	QALVCNGAQ	K	L
100.00%	4	4	5	0.15%	24.10%	TQSVSPTFTQ	K	S
100.00%	6	7	16	0.47%	38.50%	AGTLADNSF	K	Q
100.00%	6	7	16	0.47%	38.50%	AVLVTTALS	R	A
100.00%	6	7	16	0.47%	38.50%	DGTPAAAAA	K	V
100.00%	6	7	16	0.47%	38.50%	KDGTAAAAA	K	V
100.00%	6	7	16	0.47%	38.50%	NQFIIAQLA	K	A

100.00%	6	7	16	0.47%	38.50%	NYGMSANSR	R	E
100.00%	8	11	31	0.90%	54.80%	ANVFDKDLT	R	L
100.00%	8	11	31	0.90%	54.80%	AVVLSTSLTA	R	N
100.00%	8	11	31	0.90%	54.80%	DLTTFQGVPA	K	L
100.00%	8	11	31	0.90%	54.80%	FLNTEDADAI	R	G
100.00%	8	11	31	0.90%	54.80%	INGFSESGVL	R	N
100.00%	8	11	31	0.90%	54.80%	NAPAGVSAA	K	A
100.00%	8	11	31	0.90%	54.80%	VIDIVQQR	R	A
100.00%	8	11	31	0.90%	54.80%	VTGAVASFA	K	F
100.00%	1	1	2	0.06%	4.78%	ANPQSSYAV	R	Y
100.00%	3	5	6	0.17%	6.42%	EQMSGVTNG	R	N
100.00%	3	5	6	0.17%	6.42%	LDASSVIFPN	R	T
100.00%	3	5	6	0.17%	6.42%	NGTAGAPYV	R	T
99.90%	1	1	1	0.03%	15.40%	ELSGMIADG	K	N
100.00%	13	17	44	1.28%	60.50%	ADTAVKDAID	R	G
100.00%	13	17	44	1.28%	60.50%	DAIDDYK	K	K
100.00%	13	17	44	1.28%	60.50%	DAIDDYKK	K	G
100.00%	13	17	44	1.28%	60.50%	EVPEVNAEE	K	A
100.00%	13	17	44	1.28%	60.50%	FACEPSSEEL	K	V
100.00%	13	17	44	1.28%	60.50%	ILTELTPEYS	K	V
100.00%	13	17	44	1.28%	60.50%	LLDPEYK	R	E
100.00%	13	17	44	1.28%	60.50%	LTDRYDAFEV	R	K
100.00%	13	17	44	1.28%	60.50%	LTDRYDAFEV	R	T
100.00%	13	17	44	1.28%	60.50%	TIFQDRPIDF	K	C
100.00%	13	17	44	1.28%	60.50%	TPYAEYMSA	K	K
100.00%	13	17	44	1.28%	60.50%	YDAFEVGPLH	R	K
100.00%	13	17	44	1.28%	60.50%	YDAFEVGPLH	R	T
100.00%	7	9	12	0.35%	51.90%	AMQEATAQA	R	A
100.00%	7	9	12	0.35%	51.90%	EVPPAQFK	K	K
100.00%	7	9	12	0.35%	51.90%	HIEDAINQSIY	K	-
100.00%	7	9	12	0.35%	51.90%	LNTMPSQGV	K	M
100.00%	7	9	12	0.35%	51.90%	SLGLMPGAE	K	N
100.00%	7	9	12	0.35%	51.90%	VFANTPNYLH	K	E
100.00%	7	9	12	0.35%	51.90%	VQALTQDLQ	K	V
100.00%	1	2	2	0.06%	7.50%	NWIYGEVVE	K	Y
100.00%	7	12	22	0.64%	28.80%	AEHGVEAAE	K	N
100.00%	7	12	22	0.64%	28.80%	AEIVLAVK	K	G
100.00%	7	12	22	0.64%	28.80%	DKISTETLK	K	L
100.00%	7	12	22	0.64%	28.80%	IKAHEGVEAA	R	N
100.00%	7	12	22	0.64%	28.80%	ISTETLK	K	L
100.00%	7	12	22	0.64%	28.80%	NNISGLLDHA	R	T
100.00%	7	12	22	0.64%	28.80%	QAEVINNMG	R	I
100.00%	3	4	5	0.15%	12.60%	DSVGNMSLK	R	A
100.00%	3	4	5	0.15%	12.60%	EFNYYSQES	K	T
100.00%	3	4	5	0.15%	12.60%	YTWNTIEVAF	K	D
100.00%	15	24	106	3.08%	63.80%	AAIDAAETYE	K	A
100.00%	15	24	106	3.08%	63.80%	ALADFTR	K	E

100.00%	15	24	106	3.08%	63.80%	DEGFWTQK	R	D
100.00%	15	24	106	3.08%	63.80%	DTLYFAGFER	R	T
100.00%	15	24	106	3.08%	63.80%	DVYENTGEF	K	E
100.00%	15	24	106	3.08%	63.80%	EKTVDFSEEN	K	S
100.00%	15	24	106	3.08%	63.80%	ELFIAR	R	N
100.00%	15	24	106	3.08%	63.80%	MIYLSVVK	R	D
100.00%	15	24	106	3.08%	63.80%	RDEGFWTQH	R	D
100.00%	15	24	106	3.08%	63.80%	RDTLYFAGFE	K	T
100.00%	15	24	106	3.08%	63.80%	TFSGVSNR	K	S
100.00%	15	24	106	3.08%	63.80%	TGNTYGDISH	K	L
100.00%	15	24	106	3.08%	63.80%	TGNTYGDISH	K	R
100.00%	15	24	106	3.08%	63.80%	TITYPINVVG	K	T
100.00%	15	24	106	3.08%	63.80%	TVDFSEEN	K	S
100.00%	2	2	2	0.06%	11.00%	ISNFTYR	K	S
100.00%	2	2	2	0.06%	11.00%	NAWVNNGAF	K	I
100.00%	6	8	18	0.52%	31.70%	HFVDGQLVS	R	V
100.00%	6	8	18	0.52%	31.70%	KVDSNVTITR	R	Y
100.00%	6	8	18	0.52%	31.70%	NYEFDVMYK	K	R
100.00%	6	8	18	0.52%	31.70%	QALGDTNIID	R	N
100.00%	6	8	18	0.52%	31.70%	TPTATNFYGN	K	Y
100.00%	6	8	18	0.52%	31.70%	VVSNEYEINL	K	Q
100.00%	6	7	9	0.26%	50.70%	DNAGAQFST	R	F
100.00%	6	7	9	0.26%	50.70%	FSGAGYYVT	K	L
100.00%	6	7	9	0.26%	50.70%	LSIGGSYVSA	K	L
100.00%	6	7	9	0.26%	50.70%	SFEVVIQFK	R	T
100.00%	6	7	9	0.26%	50.70%	SSYYNNTQT	K	L
100.00%	6	7	9	0.26%	50.70%	TSVMEGLWER	R	I
99.90%	1	1	1	0.03%	2.63%	GAEGVIINST	K	A
100.00%	4	7	22	0.64%	24.30%	NKSPFGVDG	R	L
100.00%	4	7	22	0.64%	24.30%	SINVFDLISAD	R	I
100.00%	4	7	22	0.64%	24.30%	SPFGVDGIN	K	L
100.00%	4	7	22	0.64%	24.30%	VVLQDGSVV	K	D
100.00%	8	9	14	0.41%	41.40%	DKSDNNITIN	K	G
100.00%	8	9	14	0.41%	41.40%	ISGLVYR	K	G
100.00%	8	9	14	0.41%	41.40%	IYEFEV	K	Q
100.00%	8	9	14	0.41%	41.40%	LAIGNMEIY	K	I
100.00%	8	9	14	0.41%	41.40%	LFEYANVIIP	R	V
100.00%	8	9	14	0.41%	41.40%	NAFSGTAAT	K	I
100.00%	8	9	14	0.41%	41.40%	SDNNITINR	K	G
100.00%	8	9	14	0.41%	41.40%	TYMSINNTG	K	I
100.00%	1	1	1	0.03%	5.59%	DVGTTNPEN	R	M
100.00%	4	6	7	0.20%	18.90%	FGGTAQSEI	R	V
100.00%	4	6	7	0.20%	18.90%	GEPGEDSNN	K	N
100.00%	4	6	7	0.20%	18.90%	NVIDTSYENA	K	I
100.00%	4	6	7	0.20%	18.90%	VWSDGILFR	K	G
100.00%	2	2	2	0.06%	2.77%	NTLQQLDQ	R	Y
100.00%	2	2	2	0.06%	2.77%	TPGTPGAES	R	G

100.00%	5	6	11	0.32%	34.00%	FSSSGGQAL	R	G
100.00%	5	6	11	0.32%	34.00%	IAPYQILYEM	K	Q
100.00%	5	6	11	0.32%	34.00%	NANIINDGGG	K	N
100.00%	5	6	11	0.32%	34.00%	NWYGAPDPN	K	R
100.00%	5	6	11	0.32%	34.00%	VLGGAGGYK	K	N
100.00%	5	9	10	0.29%	32.60%	DWALSEAMN	R	N
100.00%	5	9	10	0.29%	32.60%	EIMFLWNSV	R	K
100.00%	5	9	10	0.29%	32.60%	FATLPGPQG	K	M
100.00%	5	9	10	0.29%	32.60%	FYESDSVYEI	K	R
100.00%	5	9	10	0.29%	32.60%	GSTGGGLLT	R	L
100.00%	3	3	3	0.09%	15.50%	DGTVDATDD	K	V
100.00%	3	3	3	0.09%	15.50%	SPVDGVPV	K	D
100.00%	3	3	3	0.09%	15.50%	VEDHNNVMD	K	H
100.00%	2	3	17	0.49%	8.52%	IDVQGLESNI	R	M
100.00%	2	3	17	0.49%	8.52%	MLALAGQAE	R	G
100.00%	5	7	8	0.23%	18.80%	IDASINGLNA	R	T
100.00%	5	7	8	0.23%	18.80%	MVLTNNGDS	R	V
100.00%	5	7	8	0.23%	18.80%	NTSGTGELLI	R	Q
100.00%	5	7	8	0.23%	18.80%	TDYNTYVTA	K	H
100.00%	5	7	8	0.23%	18.80%	YISFTQGTPT	K	T
100.00%	11	14	71	2.06%	44.00%	AAPTSQLEG	R	R
100.00%	11	14	71	2.06%	44.00%	ALPGAAAVV	R	V
100.00%	11	14	71	2.06%	44.00%	FVGVLNSTM	K	V
100.00%	11	14	71	2.06%	44.00%	GAANWAVVS	R	T
100.00%	11	14	71	2.06%	44.00%	SYTGEINSDN	K	A
100.00%	11	14	71	2.06%	44.00%	TTEGTFEAPT	R	F
100.00%	11	14	71	2.06%	44.00%	VILPIIR	K	R
100.00%	11	14	71	2.06%	44.00%	VQYADNAPG	R	I
100.00%	11	14	71	2.06%	44.00%	VTGVATFVG	K	Q
100.00%	11	14	71	2.06%	44.00%	VYVDTYADD	R	G
100.00%	11	14	71	2.06%	44.00%	YGYVQLTDS	R	I
100.00%	3	3	4	0.12%	5.37%	IEGTPILSGR	K	L
100.00%	3	3	4	0.12%	5.37%	VFVVANDEV	K	F
100.00%	3	3	4	0.12%	5.37%	YWSDEEGSF	K	-
100.00%	4	5	15	0.44%	21.40%	GTVPAPSL	R	I
100.00%	4	5	15	0.44%	21.40%	INDTSILQIYH	K	D
100.00%	4	5	15	0.44%	21.40%	KSFILGK	K	N
100.00%	4	5	15	0.44%	21.40%	LSTQPTSNV	K	L
100.00%	2	2	4	0.13%	1.47%	ENFLDTAER	R	R
100.00%	2	2	4	0.13%	1.47%	NSFGQSLR	K	N
100.00%	2	2	3	0.10%	1.47%	TDLGVSGNQ	K	D
100.00%	2	2	3	0.10%	1.47%	VSSSEFQQG	K	A
99.90%	1	1	2	0.07%	7.81%	HQEEAIQNLF	K	A
100.00%	2	2	3	0.10%	14.80%	FDTNPDAVK	K	L
100.00%	2	2	3	0.10%	14.80%	NGSTYEYDN	K	Q
100.00%	7	7	25	0.82%	52.80%	AGTLADNSF	K	Q



100.00%	7	7	25	0.82%	52.80%	AVLVTTALS	R	A
100.00%	7	7	25	0.82%	52.80%	DGTPAAAA	K	V
100.00%	7	7	25	0.82%	52.80%	KDGTAAAA	K	V
100.00%	7	7	25	0.82%	52.80%	NQFIAQALA	K	A
100.00%	7	7	25	0.82%	52.80%	NYGMSANSR	R	E
100.00%	7	7	25	0.82%	52.80%	QENKPGSTY	K	K
100.00%	11	17	99	3.25%	74.90%	ANVFDKDLT	R	L
100.00%	11	17	99	3.25%	74.90%	AVVLSTSLTA	R	N
100.00%	11	17	99	3.25%	74.90%	DLTTFQGVPA	K	L
100.00%	11	17	99	3.25%	74.90%	FLNTEDADAI	R	G
100.00%	11	17	99	3.25%	74.90%	INGFSESGVL	R	N
100.00%	11	17	99	3.25%	74.90%	NALVSIAGG	K	V
100.00%	11	17	99	3.25%	74.90%	NAPAGVSAA	K	A
100.00%	11	17	99	3.25%	74.90%	RVIDIVQQR	K	A
100.00%	11	17	99	3.25%	74.90%	VDGTAFVVA	R	R
100.00%	11	17	99	3.25%	74.90%	VIDIVQQR	R	A
100.00%	11	17	99	3.25%	74.90%	VTGAVASFAI	K	F
100.00%	2	2	4	0.13%	3.47%	FYVVQDAFR	R	T
100.00%	2	2	4	0.13%	3.47%	TNDYNFIDK	R	A
100.00%	3	5	9	0.30%	15.50%	DGTVDATDD	K	V
100.00%	3	5	9	0.30%	15.50%	SPVDGVKPV	K	D
100.00%	3	5	9	0.30%	15.50%	VEDHNNVMD	K	H
100.00%	2	2	4	0.13%	6.94%	MLLAGQAE	R	G
100.00%	2	2	4	0.13%	6.94%	TEFECVQDG	R	Q
100.00%	2	2	2	0.07%	6.61%	LIQEAWNEE	K	A
100.00%	2	2	2	0.07%	6.61%	TAESAATYIA	R	N
100.00%	10	17	47	1.54%	38.80%	AAPTSQLEG	R	R
100.00%	10	17	47	1.54%	38.80%	ALPGAAAVV	R	V
100.00%	10	17	47	1.54%	38.80%	FVGVLNSTM	K	V
100.00%	10	17	47	1.54%	38.80%	GAANWAVVS	R	T
100.00%	10	17	47	1.54%	38.80%	SYTGEINSDN	K	A
100.00%	10	17	47	1.54%	38.80%	TTEGTFEAPT	R	F
100.00%	10	17	47	1.54%	38.80%	VILPIIR	K	R
100.00%	10	17	47	1.54%	38.80%	VQYADNAPG	R	I
100.00%	10	17	47	1.54%	38.80%	VYVDYADD	R	G
100.00%	10	17	47	1.54%	38.80%	YGYVQLTDS	R	I
100.00%	6	7	10	0.33%	9.23%	QNELSETGY	R	A
100.00%	6	7	10	0.33%	9.23%	TVEEIANMS	R	V
100.00%	6	7	10	0.33%	9.23%	VDTDTVFNEI	K	R
100.00%	6	7	10	0.33%	9.23%	VFVVANDEV	K	F
100.00%	6	7	10	0.33%	9.23%	YINSISTVK	K	V
100.00%	6	7	10	0.33%	9.23%	YNASVLSQP	K	K
100.00%	7	10	16	0.53%	30.70%	AEHGVEAAE	K	N
100.00%	7	10	16	0.53%	30.70%	AEIVLAVK	K	G
100.00%	7	10	16	0.53%	30.70%	DKISTETLK	K	L
100.00%	7	10	16	0.53%	30.70%	ISTETLK	K	L
100.00%	7	10	16	0.53%	30.70%	NNISGLLDHA	R	T

100.00%	7	10	16	0.53%	30.70%	QAEVINNMG	R	I
100.00%	7	10	16	0.53%	30.70%	TIMDVKDK	K	I
100.00%	7	9	12	0.39%	40.50%	DAIDDYKK	K	G
100.00%	7	9	12	0.39%	40.50%	EVPEVNAEE	K	A
100.00%	7	9	12	0.39%	40.50%	FACEPSSEE	K	V
100.00%	7	9	12	0.39%	40.50%	ILTELTPEYS	K	V
100.00%	7	9	12	0.39%	40.50%	LTDRYDAFEV	R	K
100.00%	7	9	12	0.39%	40.50%	LTDRYDAFEV	R	T
100.00%	7	9	12	0.39%	40.50%	TPYAEYMSA	K	K
100.00%	4	9	22	0.72%	33.30%	AMQEATAQA	R	A
100.00%	4	9	22	0.72%	33.30%	HIEDAINQSIY	K	-
100.00%	4	9	22	0.72%	33.30%	LNTMPSQGV	K	M
100.00%	4	9	22	0.72%	33.30%	SLGLMPGAE	K	N
100.00%	2	2	4	0.13%	12.70%	FGNGGTVVL	R	V
100.00%	2	2	4	0.13%	12.70%	ISSFGGLYSE	R	K
100.00%	4	5	6	0.20%	17.20%	DSVGNMSLK	R	A
100.00%	4	5	6	0.20%	17.20%	KEFNYYSQE	R	T
100.00%	4	5	6	0.20%	17.20%	YGVVIPGASF	K	A
100.00%	4	5	6	0.20%	17.20%	YTWNTIEVAR	K	D
100.00%	6	7	9	0.30%	15.00%	LLSDLEISGK	R	V
100.00%	6	7	9	0.30%	15.00%	LPAYLNTAQK	K	D
100.00%	6	7	9	0.30%	15.00%	LSSMSDDAN	K	C
100.00%	6	7	9	0.30%	15.00%	NLSLVPR	R	V
100.00%	6	7	9	0.30%	15.00%	TMQYIQSIK	K	D
100.00%	6	7	9	0.30%	15.00%	YIDDYAQK	K	L
100.00%	13	18	50	1.64%	60.10%	AAIDAAETYE	K	A
100.00%	13	18	50	1.64%	60.10%	ALADFTR	K	E
100.00%	13	18	50	1.64%	60.10%	DEGFWTQK	R	D
100.00%	13	18	50	1.64%	60.10%	DTLYFAGFER	R	T
100.00%	13	18	50	1.64%	60.10%	DVYENTGEF	K	E
100.00%	13	18	50	1.64%	60.10%	ELFIAR	R	N
100.00%	13	18	50	1.64%	60.10%	MIYLSVVK	R	D
100.00%	13	18	50	1.64%	60.10%	RDEGFWTQR	R	D
100.00%	13	18	50	1.64%	60.10%	RDTLYFAGFER	K	T
100.00%	13	18	50	1.64%	60.10%	TFFGVSNR	K	S
100.00%	13	18	50	1.64%	60.10%	TGNTYGDISH	K	L
100.00%	13	18	50	1.64%	60.10%	TITYPINVVGK	K	T
100.00%	13	18	50	1.64%	60.10%	TVDFSEENAI	K	S
100.00%	5	6	9	0.30%	25.90%	IDIAPTR	K	V
100.00%	5	6	9	0.30%	25.90%	IGGYETNSLA	R	I
100.00%	5	6	9	0.30%	25.90%	IYSGSLYLQK	K	A
100.00%	5	6	9	0.30%	25.90%	YANVIVEYAT	K	F
100.00%	5	6	9	0.30%	25.90%	YGYTTISAVD	R	A
100.00%	4	8	47	1.54%	24.30%	NKSPFGVDG	R	L
100.00%	4	8	47	1.54%	24.30%	SINVFDLISAI	R	I
100.00%	4	8	47	1.54%	24.30%	SPFGVDGINV	K	L
100.00%	4	8	47	1.54%	24.30%	VVLQDGSVV	K	D

100.00%	6	7	12	0.39%	30.40%	HFVDGQLVS	R	V
100.00%	6	7	12	0.39%	30.40%	LLQYGNK	R	K
100.00%	6	7	12	0.39%	30.40%	NYEFDVMYK	K	R
100.00%	6	7	12	0.39%	30.40%	QALGDTNIID	R	N
100.00%	6	7	12	0.39%	30.40%	TPTATNFYGV	K	Y
100.00%	6	7	12	0.39%	30.40%	VVSNEYEINL	K	Q
100.00%	2	2	3	0.10%	10.30%	GTVDPAPSL	R	I
100.00%	2	2	3	0.10%	10.30%	INDTSILQIYH	K	D
100.00%	2	2	2	0.07%	4.64%	GAEGVIINST	K	A
100.00%	2	2	2	0.07%	4.64%	YYIDTPTNT	K	I
100.00%	6	8	21	0.69%	39.50%	FDHDTFPDPY	K	I
100.00%	6	8	21	0.69%	39.50%	GNDDMQSVL	R	K
100.00%	6	8	21	0.69%	39.50%	IFVRPDWEV	K	G
100.00%	6	8	21	0.69%	39.50%	LVNPESFDEY	R	L
100.00%	6	8	21	0.69%	39.50%	NWIYGEVVE	K	Y
100.00%	6	8	21	0.69%	39.50%	YWVELTLK	K	F
99.90%	1	1	1	0.03%	4.51%	GFVDGILVGE	K	N
100.00%	2	2	2	0.07%	8.47%	GYNDSMSQV	R	F
100.00%	2	2	2	0.07%	8.47%	SINVFDLIDP	R	V
100.00%	9	17	158	4.46%	56.40%	AGTLADNSF	K	Q
100.00%	9	17	158	4.46%	56.40%	AVLVTTSALS	R	A
100.00%	9	17	158	4.46%	56.40%	DGTPAAAAA	K	V
100.00%	9	17	158	4.46%	56.40%	DGTPAAAAA	K	A
100.00%	9	17	158	4.46%	56.40%	KDGTAAAAA	K	V
100.00%	9	17	158	4.46%	56.40%	NQFIIAQLA	K	A
100.00%	9	17	158	4.46%	56.40%	NYGMSANSR	R	E
100.00%	9	17	158	4.46%	56.40%	QENKPGSTY	K	K
100.00%	9	17	158	4.46%	56.40%	SAAEKNQFII	K	A
100.00%	8	11	16	0.45%	64.40%	AVVLSTSLTA	R	N
100.00%	8	11	16	0.45%	64.40%	DLTTFQGVPI	K	L
100.00%	8	11	16	0.45%	64.40%	FLNTEDADAI	R	G
100.00%	8	11	16	0.45%	64.40%	NALVSIAGG	K	V
100.00%	8	11	16	0.45%	64.40%	NAPAGVSAA	K	A
100.00%	8	11	16	0.45%	64.40%	VDGTAFVVA	R	R
100.00%	8	11	16	0.45%	64.40%	VIDIVQQR	R	A
100.00%	8	11	16	0.45%	64.40%	VTGAVASFA	K	F
100.00%	2	2	3	0.08%	20.10%	ELQNAGFK	K	H
100.00%	2	2	3	0.08%	20.10%	LGKPGGEWB	R	R
100.00%	2	2	3	0.08%	10.80%	DAIDDYKK	K	G
100.00%	2	2	3	0.08%	10.80%	ILTELTPEYS	K	V
100.00%	7	10	38	1.07%	40.20%	AMQEATAQA	R	A
100.00%	7	10	38	1.07%	40.20%	EVPPAQFK	K	K
100.00%	7	10	38	1.07%	40.20%	HIEDAINQSIY	K	-
100.00%	7	10	38	1.07%	40.20%	LNTMPSQGV	K	M
100.00%	7	10	38	1.07%	40.20%	NKVQALTQD	R	V
100.00%	7	10	38	1.07%	40.20%	VFANTPNYLH	K	E

100.00%	7	10	38	1.07%	40.20%	VQALTQDLQ	K	V
100.00%	6	9	14	0.40%	32.00%	FDHDTFPDP	K	I
100.00%	6	9	14	0.40%	32.00%	GNDDMQSVL	R	K
100.00%	6	9	14	0.40%	32.00%	LVNPESFDE	R	L
100.00%	6	9	14	0.40%	32.00%	NWIYGEVVE	K	Y
100.00%	6	9	14	0.40%	32.00%	RLVNPEFDE	R	L
100.00%	6	9	14	0.40%	32.00%	YWVELTLK	K	F
100.00%	2	3	5	0.14%	12.70%	FGNGGTVVL	R	V
100.00%	2	3	5	0.14%	12.70%	ISSFGGLYSE	R	K
100.00%	9	14	47	1.33%	31.60%	AEHGVEAAE	K	N
100.00%	9	14	47	1.33%	31.60%	AEIVLAVK	K	G
100.00%	9	14	47	1.33%	31.60%	DKISTETLK	K	L
100.00%	9	14	47	1.33%	31.60%	IKAHEGVEAA	R	N
100.00%	9	14	47	1.33%	31.60%	ISTETLK	K	L
100.00%	9	14	47	1.33%	31.60%	NNISGLLDHA	R	T
100.00%	9	14	47	1.33%	31.60%	QAEVINNMG	R	I
100.00%	9	14	47	1.33%	31.60%	TIMDVKDK	K	I
100.00%	9	14	47	1.33%	31.60%	TIMDVKDKIS	K	L
100.00%	4	4	6	0.17%	14.10%	AIQVTGESR	K	R
100.00%	4	4	6	0.17%	14.10%	QVPQALENV	R	Y
100.00%	4	4	6	0.17%	14.10%	YNSIDAMISR	K	V
100.00%	4	4	6	0.17%	14.10%	YTAISAVQDR	K	T
100.00%	2	2	3	0.08%	7.95%	DSVGNMSLK	R	A
100.00%	2	2	3	0.08%	7.95%	YGVVIPGASH	K	A
100.00%	7	9	11	0.31%	32.90%	ALADFTR	K	E
100.00%	7	9	11	0.31%	32.90%	DTLYFAGFER	R	T
100.00%	7	9	11	0.31%	32.90%	DVYENTGEF	K	E
100.00%	7	9	11	0.31%	32.90%	ELFIAR	R	N
100.00%	7	9	11	0.31%	32.90%	RDEGFWTQH	R	D
100.00%	7	9	11	0.31%	32.90%	TFFSGVSNR	K	S
100.00%	7	9	11	0.31%	32.90%	TITYPINVVG	K	T
100.00%	3	3	5	0.14%	19.00%	GTVPAPSL	R	I
100.00%	3	3	5	0.14%	19.00%	INDTSILQIYH	K	D
100.00%	3	3	5	0.14%	19.00%	LSTQPTSNN	K	L
100.00%	3	3	5	0.14%	6.00%	GYADSVR	R	N
100.00%	3	3	5	0.14%	6.00%	LSSMSDDAN	K	C
100.00%	3	3	5	0.14%	6.00%	NLSLVPR	R	V
100.00%	4	6	10	0.28%	37.20%	APDGDYTF	R	Q
100.00%	4	6	10	0.28%	37.20%	FDTNPDAVK	K	L
100.00%	4	6	10	0.28%	37.20%	NGSTYEYDN	K	Q
100.00%	4	6	10	0.28%	37.20%	YNVDTGEWE	K	A
100.00%	3	4	10	0.28%	15.50%	DGTVDATDD	K	V
100.00%	3	4	10	0.28%	15.50%	SPVDGVPV	K	D
100.00%	3	4	10	0.28%	15.50%	VEDHNNVMD	K	H
100.00%	2	2	3	0.08%	8.52%	IDVQGLESNE	R	M
100.00%	2	2	3	0.08%	8.52%	MLALAGQAE	R	G
100.00%	9	12	25	0.71%	33.40%	AAPTSQLEG	R	R

100.00%	9	12	25	0.71%	33.40%	ALPGAAAVV	R	V
100.00%	9	12	25	0.71%	33.40%	FVGVLNSTM	K	V
100.00%	9	12	25	0.71%	33.40%	GAANWAVVS	R	T
100.00%	9	12	25	0.71%	33.40%	SYTGEINSDN	K	A
100.00%	9	12	25	0.71%	33.40%	TTEGTFEAPT	R	F
100.00%	9	12	25	0.71%	33.40%	VILPIIR	K	R
100.00%	9	12	25	0.71%	33.40%	VQYADNAPG	R	I
100.00%	9	12	25	0.71%	33.40%	VYVDTYADD	R	G
100.00%	11	13	22	0.62%	15.80%	DSLANK	K	L
100.00%	11	13	22	0.62%	15.80%	GVVYQMFMD	K	I
100.00%	11	13	22	0.62%	15.80%	IEGTPILSGR	K	L
100.00%	11	13	22	0.62%	15.80%	LQSDDAIK	R	F
100.00%	11	13	22	0.62%	15.80%	QNELSETGY	R	A
100.00%	11	13	22	0.62%	15.80%	TVEEANTMS	R	V
100.00%	11	13	22	0.62%	15.80%	VDTDTVFNEI	K	R
100.00%	11	13	22	0.62%	15.80%	VFVVANDEV	K	F
100.00%	11	13	22	0.62%	15.80%	YINSISTVK	K	V
100.00%	11	13	22	0.62%	15.80%	YNASVLSQP	K	K
100.00%	11	13	22	0.62%	15.80%	YWSDEEGSF	K	-
100.00%	2	2	2	0.06%	14.10%	HQEEAIQNLF	K	A
100.00%	2	2	2	0.06%	14.10%	TFQVTDPK	R	R
100.00%	2	2	3	0.08%	14.40%	SINVFDLISAL	R	I
100.00%	2	2	3	0.08%	14.40%	VVLQDGSVV	K	D
100.00%	4	5	8	0.25%	24.30%	NKSPFGVDG	R	L
100.00%	4	5	8	0.25%	24.30%	SINVFDLISAL	R	I
100.00%	4	5	8	0.25%	24.30%	SPFGVDGINV	K	L
100.00%	4	5	8	0.25%	24.30%	VVLQDGSVV	K	D
100.00%	7	8	13	0.41%	19.90%	GYADSVR	R	N
100.00%	7	8	13	0.41%	19.90%	LLSDLEISGK	R	V
100.00%	7	8	13	0.41%	19.90%	LPAYLNTAQK	K	D
100.00%	7	8	13	0.41%	19.90%	LSSMSDDAN	K	C
100.00%	7	8	13	0.41%	19.90%	NLSLVPR	R	V
100.00%	7	8	13	0.41%	19.90%	STSNQYGYG	K	K
100.00%	7	8	13	0.41%	19.90%	TMQYIQSIK	K	D
100.00%	2	2	4	0.13%	15.30%	APDGDYTYF	R	Q
100.00%	2	2	4	0.13%	15.30%	NGSTYEYDN	K	Q
100.00%	2	2	4	0.13%	11.30%	DGTVDATDD	K	V
100.00%	2	2	4	0.13%	11.30%	SPVDGVPKV	K	D
100.00%	3	3	3	0.09%	10.70%	GNAFYWK	K	R
100.00%	3	3	3	0.09%	10.70%	IDVQGLESNE	R	M
100.00%	3	3	3	0.09%	10.70%	TEFECVQDG	R	Q
100.00%	5	6	9	0.28%	25.40%	AAIDAAETYE	K	A
100.00%	5	6	9	0.28%	25.40%	DVYENTGEF	K	E
100.00%	5	6	9	0.28%	25.40%	RDEGFWTQH	R	D
100.00%	5	6	9	0.28%	25.40%	TFFSGVSNR	K	S
100.00%	5	6	9	0.28%	25.40%	TGNTYGDISH	K	L

99.90%	1	1	1	0.03%	4.08%	IDASINGLNA	R	T
100.00%	3	3	3	0.09%	9.26%	LIQEAWNEEK	K	A
100.00%	3	3	3	0.09%	9.26%	TLGNFSDFAN	K	Q
100.00%	3	3	3	0.09%	9.26%	YQEDLAK	R	L
100.00%	9	13	34	1.06%	35.10%	AAPTSQLEG	R	R
100.00%	9	13	34	1.06%	35.10%	FVGVLNSTM	K	V
100.00%	9	13	34	1.06%	35.10%	GAANWAVVSR	R	T
100.00%	9	13	34	1.06%	35.10%	SYTGEINSDN	K	A
100.00%	9	13	34	1.06%	35.10%	TTEGTFEAPT	R	F
100.00%	9	13	34	1.06%	35.10%	VILPIIR	K	R
100.00%	9	13	34	1.06%	35.10%	VQYADNAPGR	R	I
100.00%	9	13	34	1.06%	35.10%	VTGVATFVKG	K	Q
100.00%	9	13	34	1.06%	35.10%	VYVDTYADD	R	G
100.00%	8	8	13	0.41%	13.30%	GVVYQMFMI	K	I
100.00%	8	8	13	0.41%	13.30%	IEGTPILSGR	K	L
100.00%	8	8	13	0.41%	13.30%	NWLNQNPDE	K	T
100.00%	8	8	13	0.41%	13.30%	QNELSETGYR	R	A
100.00%	8	8	13	0.41%	13.30%	VDTDTVFNEI	K	R
100.00%	8	8	13	0.41%	13.30%	VFVVANDEV	K	F
100.00%	8	8	13	0.41%	13.30%	YNASVLSQP	K	K
100.00%	8	8	13	0.41%	13.30%	YWSDEEGSF	K	-
100.00%	2	2	5	0.16%	22.00%	QTWYLDYNL	K	A
100.00%	2	2	5	0.16%	22.00%	VITVPTLQR	K	V
100.00%	6	7	20	0.62%	26.10%	AGTLADNSFK	K	Q
100.00%	6	7	20	0.62%	26.10%	DGTPAAAAA	K	V
100.00%	6	7	20	0.62%	26.10%	KDGTAAAAA	K	V
100.00%	6	7	20	0.62%	26.10%	NQFIIAQALA	K	A
100.00%	6	7	20	0.62%	26.10%	NYGMSANSFR	R	E
100.00%	6	7	20	0.62%	26.10%	SAAEKNQFII	K	A
100.00%	5	7	14	0.44%	33.80%	ANVFDKDLTR	R	L
100.00%	5	7	14	0.44%	33.80%	AVVLSTSLTAR	R	N
100.00%	5	7	14	0.44%	33.80%	DLTTFQGVPA	K	L
100.00%	5	7	14	0.44%	33.80%	NAPAGVSAAK	K	A
100.00%	5	7	14	0.44%	33.80%	VIDIVQQR	R	A
99.90%	1	2	4	0.13%	15.40%	ELSGMIADGK	K	N
100.00%	3	6	9	0.28%	26.30%	GLPEYVDDFK	K	G
100.00%	3	6	9	0.28%	26.30%	HMELDEFYK	K	G
100.00%	3	6	9	0.28%	26.30%	LEDIISFVDSI	K	L
100.00%	7	7	12	0.37%	60.40%	CHMSIVYKPK	K	D
100.00%	7	7	12	0.37%	60.40%	DTDEDLINLIK	K	T
100.00%	7	7	12	0.37%	60.40%	ELQNAGFK	K	H
100.00%	7	7	12	0.37%	60.40%	GFVGLSLDK	K	D
100.00%	7	7	12	0.37%	60.40%	LAGIDCLTPSK	K	F
100.00%	7	7	12	0.37%	60.40%	LGKPGGEWER	R	R
100.00%	7	7	12	0.37%	60.40%	LGKPGGEWER	R	H
100.00%	4	4	4	0.13%	33.10%	FALPMDVDIK	K	V
100.00%	4	4	4	0.13%	33.10%	FNSVTSER	K	N

100.00%	4	4	4	0.13%	33.10%	TPPIVNNEFT	K	L
100.00%	4	4	4	0.13%	33.10%	VNGVPLVLP	K	L
100.00%	2	3	3	0.09%	10.20%	GEPGEDSNN	K	N
100.00%	2	3	3	0.09%	10.20%	NVIDTSYENA	K	I
99.90%	1	1	2	0.06%	0.78%	ENFLDTAER	R	R
100.00%	2	2	3	0.09%	20.00%	AAANNLKQD	K	-
100.00%	2	2	3	0.09%	20.00%	EQVSVQSLIN	R	K
100.00%	5	5	5	0.16%	21.10%	FACEPSSEI	K	V
100.00%	5	5	5	0.16%	21.10%	ILTELTPEYS	K	V
100.00%	5	5	5	0.16%	21.10%	LTDRYDAFEV	R	T
100.00%	5	5	5	0.16%	21.10%	YDAFEVGPLI	R	K
100.00%	5	5	5	0.16%	21.10%	YDAFEVGPLI	R	T
100.00%	3	4	8	0.25%	22.70%	GSVTEITMGI	R	T
100.00%	3	4	8	0.25%	22.70%	HQEEAIQNLF	K	A
100.00%	3	4	8	0.25%	22.70%	TFQVTDPK	R	R
100.00%	6	8	14	0.44%	38.60%	AMQEATAQA	R	A
100.00%	6	8	14	0.44%	38.60%	AVFAAYR	K	A
100.00%	6	8	14	0.44%	38.60%	HIEDAINQSIY	K	-
100.00%	6	8	14	0.44%	38.60%	LNTMPSQGV	K	M
100.00%	6	8	14	0.44%	38.60%	VFANTPNYLH	K	E
100.00%	6	8	14	0.44%	38.60%	VQALTQDLQ	K	V
100.00%	7	8	19	0.59%	40.00%	FDHDTFPDP	K	I
100.00%	7	8	19	0.59%	40.00%	GNDDMQSVL	R	K
100.00%	7	8	19	0.59%	40.00%	IFVRPDWEV	K	G
100.00%	7	8	19	0.59%	40.00%	LVNPESFDE	R	L
100.00%	7	8	19	0.59%	40.00%	NWIYGEVVE	K	Y
100.00%	7	8	19	0.59%	40.00%	RLVNPESFD	R	L
100.00%	7	8	19	0.59%	40.00%	YWVELTLK	K	F
100.00%	2	2	2	0.06%	12.70%	FGNGGTVVL	R	V
100.00%	2	2	2	0.06%	12.70%	ISSFGGLYSE	R	K
100.00%	5	5	8	0.25%	27.90%	AEHGVEAAE	K	N
100.00%	5	5	8	0.25%	27.90%	AEIVLAVK	K	G
100.00%	5	5	8	0.25%	27.90%	DKISTETLK	K	L
100.00%	5	5	8	0.25%	27.90%	NNISGLLDHA	R	T
100.00%	5	5	8	0.25%	27.90%	QAEVINNMG	R	I
100.00%	3	3	6	0.19%	12.60%	DSVGNMSLK	R	A
100.00%	3	3	6	0.19%	12.60%	YGVVIPGASH	K	A
100.00%	3	3	6	0.19%	12.60%	YTWNTIEVAF	K	D
100.00%	8	10	18	0.72%	21.70%	GYADSVR	R	N
100.00%	8	10	18	0.72%	21.70%	LLSDLEISGK	R	V
100.00%	8	10	18	0.72%	21.70%	LPAYLNTAQ	K	D
100.00%	8	10	18	0.72%	21.70%	LSSMSDDAN	K	C
100.00%	8	10	18	0.72%	21.70%	NLSLVPR	R	V
100.00%	8	10	18	0.72%	21.70%	STSNQYGYG	K	K
100.00%	8	10	18	0.72%	21.70%	TMQYIQSIK	K	D
100.00%	8	10	18	0.72%	21.70%	YIDYAQK	K	L

100.00%	2	2	5	0.20%	10.30%	GTVDPAPSL	R	I
100.00%	2	2	5	0.20%	10.30%	INDTSILQIYH	K	D
99.90%	1	1	1	0.04%	5.81%	VVADLEEVL	K	S
100.00%	2	2	3	0.12%	8.20%	QTNGFEGDN	K	G
100.00%	2	2	3	0.12%	8.20%	TEFECVQDG	R	Q
100.00%	4	4	8	0.32%	20.20%	AAIDAAETYE	K	A
100.00%	4	4	8	0.32%	20.20%	ALADFTR	K	E
100.00%	4	4	8	0.32%	20.20%	DTLYFAGFEF	R	T
100.00%	4	4	8	0.32%	20.20%	TGNTYGDISH	K	L
100.00%	2	2	2	0.08%	9.51%	NTSGTGELLI	R	Q
100.00%	2	2	2	0.08%	9.51%	VVINDADTTL	K	T
100.00%	3	4	5	0.20%	9.26%	LIQEAWNEE	K	A
100.00%	3	4	5	0.20%	9.26%	TLGNFSDFAN	K	Q
100.00%	3	4	5	0.20%	9.26%	YQEDLAK	R	L
100.00%	8	9	16	0.64%	33.20%	AAPTSQLEG	R	R
100.00%	8	9	16	0.64%	33.20%	SYTGEINSDN	K	A
100.00%	8	9	16	0.64%	33.20%	TTEGTFEAPT	R	F
100.00%	8	9	16	0.64%	33.20%	VILPIIR	K	R
100.00%	8	9	16	0.64%	33.20%	VMPTVIANEI	R	V
100.00%	8	9	16	0.64%	33.20%	VQYADNAPG	R	I
100.00%	8	9	16	0.64%	33.20%	VYVDYADD	R	G
100.00%	8	9	16	0.64%	33.20%	YGYVQLTDS	R	I
100.00%	2	2	2	0.08%	3.50%	QNELSETGY	R	A
100.00%	2	2	2	0.08%	3.50%	VDTDTVFNEI	K	R
100.00%	3	3	4	0.16%	12.60%	FGGTAQSEI	R	V
100.00%	3	3	4	0.16%	12.60%	NPYDIDVNEL	R	F
100.00%	3	3	4	0.16%	12.60%	QLPITPIEDNI	K	-
100.00%	3	3	5	0.20%	39.40%	ADSDVEYTIF	K	L
100.00%	3	3	5	0.20%	39.40%	QTWYLDYNL	K	A
100.00%	3	3	5	0.20%	39.40%	VITVPTLQR	K	V
100.00%	2	2	5	0.20%	13.80%	AGTLADNSF	K	Q
100.00%	2	2	5	0.20%	13.80%	DGTPAAAAA	K	V
100.00%	4	4	6	0.24%	36.50%	ANVFDKDLT	R	L
100.00%	4	4	6	0.24%	36.50%	INGFSESGVL	R	N
100.00%	4	4	6	0.24%	36.50%	NALVSIAGG	K	V
100.00%	4	4	6	0.24%	36.50%	NAPAGVSAA	K	A
99.90%	1	2	2	0.08%	11.20%	GLPEYVDDF	K	G
100.00%	3	3	5	0.20%	23.40%	SINVFDLISAI	R	I
100.00%	3	3	5	0.20%	23.40%	SPFGVDGINV	K	L
100.00%	3	3	5	0.20%	23.40%	VVLQDGSVV	K	D
100.00%	4	4	4	0.16%	33.10%	FALPMDVDIK	K	V
100.00%	4	4	4	0.16%	33.10%	FNSVTSER	K	N
100.00%	4	4	4	0.16%	33.10%	TPPIVNNEFT	K	L
100.00%	4	4	4	0.16%	33.10%	VNGVPLVLP	K	L
100.00%	4	4	6	0.24%	29.70%	GSVTEITMGI	R	T
100.00%	4	4	6	0.24%	29.70%	HQEEAIQNLF	K	A
100.00%	4	4	6	0.24%	29.70%	MEQTISVLK	R	H



100.00%	4	4	6	0.24%	29.70%	TFQVTDPK	R	R
100.00%	3	3	5	0.20%	19.60%	AMQEATAQA	R	A
100.00%	3	3	5	0.20%	19.60%	LNTMPSQGV	K	M
100.00%	3	3	5	0.20%	19.60%	VQALTQDLQ	K	V
100.00%	4	5	6	0.24%	22.30%	AEHGVEAAE	K	N
100.00%	4	5	6	0.24%	22.30%	AEIVLAVK	K	G
100.00%	4	5	6	0.24%	22.30%	DKISTETLK	K	L
100.00%	4	5	6	0.24%	22.30%	QAEVINNMG	R	I
100.00%	3	3	5	0.22%	14.10%	AAIDAAETYE	K	A
100.00%	3	3	5	0.22%	14.10%	ALADFTR	K	E
100.00%	3	3	5	0.22%	14.10%	TGNTYGDISH	K	L
100.00%	2	3	5	0.22%	18.00%	SINVFDLISAE	R	I
100.00%	2	3	5	0.22%	18.00%	SPFGVDGINV	K	L
100.00%	4	4	7	0.31%	10.20%	GYADSVR	R	N
100.00%	4	4	7	0.31%	10.20%	LLSDLEISGK	R	V
100.00%	4	4	7	0.31%	10.20%	LPAYLNTAQSK	K	D
100.00%	4	4	7	0.31%	10.20%	YIDDYAQK	K	L
100.00%	2	2	2	0.09%	8.20%	QTNGFEGDN	K	G
100.00%	2	2	2	0.09%	8.20%	TEFECVQDG	R	Q
100.00%	4	6	11	0.49%	33.80%	DLTTFQGVPI	K	L
100.00%	4	6	11	0.49%	33.80%	FLNTEDADAI	R	G
100.00%	4	6	11	0.49%	33.80%	INGFSESGVLR	R	N
100.00%	4	6	11	0.49%	33.80%	NAPAGVSAAK	K	A
100.00%	4	4	17	0.76%	19.70%	AGTLADNSFQ	K	Q
100.00%	4	4	17	0.76%	19.70%	DGTPAAAAA	K	V
100.00%	4	4	17	0.76%	19.70%	KDGTPAAAA	K	V
100.00%	4	4	17	0.76%	19.70%	NQFIIAQALAK	K	A
100.00%	3	3	5	0.22%	12.30%	VILPIIR	K	R
100.00%	3	3	5	0.22%	12.30%	VQYADNAPGR	R	I
100.00%	3	3	5	0.22%	12.30%	YGYVQLTDS	R	I
100.00%	3	3	4	0.18%	18.60%	FGIQLESVK	R	G
100.00%	3	3	4	0.18%	18.60%	NNISGLLDHAR	R	T
100.00%	3	3	4	0.18%	18.60%	QAEVINNMG	R	I
99.90%	1	1	2	0.09%	10.90%	GLENLAQNE	K	R

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n:NA [all charge states]

Best Peptide identification probability	Best SEQUEST XCorr score	Best SEQUEST DCn score	Best Mascot Ion score	Best Mascot Identity score	Best Mascot Delta Ion score	Number of identified +1H spectra	Number of identified +2H spectra	Number of identified +3H spectra
99.70%	3.13	0.537	42.3	25	42.3	0	2	0
99.70%	4.5	0.612	71	25	71	0	3	0
98.80%	1.9	0.44	40.7	25	34.7	0	1	0
99.70%	3.92	0.483	56.6	25	56.6	0	1	0
99.70%	3.1	0.471	40.8	25	32.1	0	1	0
99.70%	5.87	0.63	46.9	25.7	7.84	0	0	1
99.70%	3.38	0.647	23.2	25	23.2	0	3	0
99.70%	3.93	0.39	71.6	25	69	0	1	0
99.70%	5.06	0.644	105	25	105	0	2	0
99.70%	4.51	0.705	56.6	25	56.6	0	5	0
99.70%	5.27	0.594	59.2	25	59.2	0	1	0
99.70%	5.17	0.515	63.7	25	17	0	1	0
99.70%	2.74	0.537	38.8	25	38.8	0	2	0
99.70%	5.06	0.447	49.6	25	5.05	0	2	0
99.70%	4.47	0.611	49.7	25	0	0	1	0
99.70%	3.7	0.541	69.6	25	69.6	0	1	0
99.70%	2.87	0.103	43.9	25	39.4	0	1	0
99.70%	3.87	0.776	80.8	25	77.6	0	5	0
99.70%	4.3	0.614	73.6	25	68.7	0	3	0
99.70%	3.14	0.577	45.7	25	42.6	0	5	0
99.70%	3.99	0.702	47	25.3	47	0	3	3
99.70%	2.98	0.632	47.2	25	47.2	0	4	0
99.70%	3.36	0.488	28.9	25	26.4	0	4	2
99.70%	3.39	0.602	73.9	25	71.2	0	1	0
99.30%	3.8	0.572	37.4	25	0	0	0	1
99.70%	5.32	0.68	44.7	25	10.4	0	6	0
99.70%	4.68	0.607	46.5	25	38.1	0	4	0
99.70%	4.74	0.63	41.4	26.9	40.9	0	0	2
98.80%	1.35	1	31.3	25	31.3	0	3	0
99.70%	1.55	0.627	35	25	35	0	1	0
99.70%	4.46	0.583	26.2	27.1	20.3	0	3	2
99.70%	6.23	0.616	104	25	101	0	4	2
99.70%	6.32	0.695	94.7	26.2	94.4	0	4	0
99.70%	5.85	0.743	86.6	26.5	86.6	0	2	0
99.70%	3.5	0.43	63.9	25	63.9	0	1	0
99.70%	5.79	0.679	93.5	25	93	0	1	0

99.70%	2.57	0.375	30.7	25	27.6	0	1	0
99.70%	4.45	0.588	73.8	25	68.4	0	1	0
99.70%	2.89	0.604	37.2	25	37.2	0	2	0
99.70%	2.9	0.442	26.4	25	13.7	0	2	0
99.70%	3.11	0.57	20.4	25	20.4	0	2	0
99.70%	4.45	0.504	82.6	25	80.4	0	3	0
99.70%	2.83	0.468	41.6	25	33.9	0	1	0
99.70%	5.36	0.733	92.5	25	92.5	0	2	0
99.70%	3.63	0.603	32.6	25	32.6	0	2	0
99.70%	3.38	0.411	49	25	41.5	0	1	0
99.70%	2.33	0.13	25.4	25	20.1	0	2	0
99.70%	3.06	0.427	16.4	25	16.4	0	1	0
99.70%	3.94	0.491	51.6	25	48.2	0	1	0
99.70%	4.73	0.667	43.6	25	43.1	0	2	0
99.70%	3.68	0.355	50.9	25	39.2	0	1	0
99.70%	3.26	0.495	40	25	40	0	1	0
99.70%	3.87	0.432	42	25	24.9	0	2	0
99.70%	5.38	0.706	52.9	25	5.68	0	1	0
99.70%	2.83	0.0712	36.7	25	4.4	0	1	0
98.80%	2.22	0.416	28.8	25	23.2	0	1	0
99.70%	2.84	0.329	40.2	25	31.2	0	1	0
99.70%	2.58	0.339	30.4	25	30.4	0	2	0
99.70%	4.65	0.472	71.5	25	69	0	2	0
99.70%	5.25	0.688	80.7	25	80.7	0	2	0
99.70%	4.31	0.368	65.3	25	55.1	0	2	0
99.70%	3.89	0.263	44.4	25	30.8	0	0	1
99.70%	5.32	0.503	74.7	25	67	0	4	0
99.70%	4.86	0.618	123	25	118	0	4	0
99.70%	4.9	0.658	62	25	62	0	2	0
99.70%	4.71	0.677	87.2	25	87.2	0	1	1
99.70%	3.24	0.577	50.7	25	47.3	0	1	0
99.70%	3.52	0.649	32.9	25	32.9	0	1	0
99.70%	3.5	0.683	54.7	25	53.3	0	2	0
99.70%	5.5	0.633	57.3	25.8	57.3	0	0	2
99.70%	5.69	0.681	29.9	25	-11.9	0	1	1
99.70%	3.03	0.524	68.6	25	61.7	0	1	0
99.70%	4.62	0.547	43.6	25	0	0	1	0
99.70%	5.07	0.619	60.5	25	59.3	0	3	0
99.70%	3.27	0.298	43	25	42.7	0	1	0
99.70%	3.54	0.512	38.7	25	33.8	0	2	0
99.70%	3.09	0.278	32.7	25	20.4	0	2	0
98.90%	2.9	0.198	18	25	11	0	1	0
99.70%	5.13	0.508	43.1	29.8	-1.15	0	0	2
99.70%	4.28	0.581	36.3	25	-33.5	0	1	0
99.70%	2.18	0.225	21.8	25	15.9	0	1	0
99.70%	3.33	0.646	48.3	25	48.3	0	1	0
99.70%	3.89	0.522	46.3	25	46.3	0	1	0

99.70%	4.8	0.556	40.3	25	40.3	0	2	0
99.70%	4.51	0.635	35.4	25	35.2	0	1	0
99.70%	2.24	0.686	48.6	25	46.5	0	2	0
99.70%	3.1	0.584	43.5	25	33.3	0	6	0
99.70%	5.77	0.618	98.5	25	91.9	0	3	0
99.70%	4.85	0.701	78.7	25	78.7	0	3	0
98.80%	1.75	0.472	22.1	25	15.7	0	2	0
99.70%	4.15	0.661	44.9	26.2	38.3	0	4	2
99.70%	3.76	0.651	67.9	25	63.9	0	4	0
99.70%	2	0.454	21.1	25	20.1	0	3	0
99.70%	3.2	0.579	49.4	25	41.7	0	4	0
99.70%	4.23	0.658	69	25	64.8	0	1	0
97.30%	2.49	0.49	0	0	0	0	1	0
99.70%	3.2	0.45	39.4	25	37	0	3	0
99.70%	2.44	0.39	26.6	25	19.3	0	1	0
99.60%	2.53	0.195	20.6	25	14	0	2	0
99.70%	3.27	0.423	60.2	25	46.9	0	1	0
99.70%	3.4	0.335	53.5	25	39.8	0	1	0
99.70%	2.86	0.207	29.2	25	11.4	0	1	0
99.70%	4.25	0.417	58.2	25	58.2	0	1	0
99.70%	5.33	0.464	46.5	27.1	46.5	0	0	1
99.70%	4.67	0.408	53.5	25	32.4	0	2	0
99.70%	4.88	0.617	58.6	25	58.6	0	2	0
99.70%	4.71	0.607	69	25	69	0	2	0
99.70%	2.88	0.291	22.5	25	13.7	0	1	0
99.70%	3.69	0.456	44.8	25	38.9	0	1	0
99.70%	2.88	0.272	41.1	25	40.9	0	1	0
99.70%	3.45	0.553	38.4	25	34.7	0	2	0
99.70%	1.67	0.389	21.1	25	21.1	0	1	0
99.70%	3.39	0.419	42.5	25	42.5	0	2	0
99.70%	3.13	0.467	36.5	25	33.8	0	1	0
99.70%	3.33	0.468	13	26.4	12.8	0	0	3
99.70%	2.22	0.338	26.2	25.8	25.3	0	0	0
99.70%	3.33	0.754	57.2	25	57.2	0	2	0
99.70%	4.53	0.44	69.3	25	53.8	0	1	0
99.70%	5.02	0.69	65.7	25	65.7	0	1	2
99.70%	2.8	0.456	51.4	25	48.6	0	1	0
99.70%	4.46	0.63	68.8	25.1	68.8	0	2	0
99.70%	3.2	0.452	45.1	25	33.1	0	1	0
99.70%	4.23	0.46	54.7	25	47.9	0	1	0
97.90%	2.24	0.583	7.82	25	1.9	0	1	0
99.70%	4.07	0.56	39.6	25	38.9	0	2	0
99.70%	2.2	0.436	32.7	25	24.6	0	1	0
99.70%	2.6	0.518	42.5	25	36.3	0	2	0
99.70%	6.07	0.589	86.9	25	80.6	0	3	0
99.70%	4.67	0.662	65.3	25	65.3	0	2	0

98.80%	1.7	0.296	22.5	25	12.3	0	1	0
99.70%	3.85	0.659	30.2	25	29.6	0	1	0
99.70%	4.24	0.652	72.5	25	65.7	0	3	0
99.70%	1.8	0.239	13.4	25	13.4	0	1	0
99.70%	3.31	0.563	30.8	25	30.8	0	4	0
99.70%	3.12	0.577	38.8	25	37.6	0	2	0
99.70%	3.63	0.398	22.2	25	18.4	0	1	0
99.70%	3.97	0.481	76.9	25	69.7	0	1	0
99.70%	3.55	0.266	45.6	25	32.6	0	1	0
99.70%	2.41	0.038	23.6	25	7.85	0	1	0
99.70%	4.83	0.433	60.1	25	49.3	0	1	0
99.70%	5.36	0.677	60.3	25	60.3	0	2	0
99.70%	2.45	0.246	22.8	25	22.8	0	1	0
99.70%	3.79	0.439	35.8	25	24.4	0	2	0
99.70%	3.74	0.456	43.3	25	43.3	0	1	0
99.70%	3.87	0.578	67.1	25	59.8	0	1	0
99.70%	3.34	0.338	19.9	25	19.9	0	2	0
99.70%	5.31	0.435	72.1	25	58.2	0	2	0
99.70%	2.48	0.33	29	25	29	0	2	0
99.70%	4.15	0.49	54.9	25	45.9	0	4	0
99.70%	2.78	0.302	25.2	27.6	25.2	0	0	2
99.70%	3.71	0.559	52.7	25	52.7	0	2	0
99.70%	2.69	0.623	12.6	25	12.6	0	2	0
99.70%	3.97	0.623	41	25	41	0	2	0
99.70%	2.69	0.291	26.2	25	19.1	0	1	0
99.70%	3.26	0.573	39.8	25	39.8	0	1	0
99.70%	2.75	0.388	32.5	25	26.3	0	2	0
99.70%	3.91	0.468	59.4	25	59.4	0	1	0
99.70%	5.34	0.713	39.8	25	0	0	2	0
99.70%	4.28	0.635	44.9	25	44.9	0	3	0
99.70%	3.91	0.454	47.4	25	42.1	0	5	0
99.70%	3.74	0.406	30.1	25	21.3	0	1	0
99.70%	4.91	0.643	48.9	25	11.1	0	2	0
99.70%	4.07	0.493	58.8	25	40.6	0	4	0
99.70%	4.66	0.72	80.4	25	80	0	1	0
98.80%	2.44	0.508	31	25	27.8	0	2	0
99.70%	5.44	0.662	99.8	25	99.8	0	5	0
99.70%	2.04	0.399	39.2	25	32.4	0	3	0
99.70%	4.42	0.432	53.4	25	37.9	0	1	0
99.70%	2.1	0.589	31.8	25	31.8	0	2	0
99.70%	3.2	0.277	21	25.8	19.4	0	0	1
99.70%	3.3	0.663	60	25	60	0	1	0
99.70%	3.92	0.585	54.6	25	50.3	0	5	0
99.70%	6.04	0.573	100	25	85.9	0	4	0
99.70%	5.42	0.638	77.2	25	72	0	2	0
99.70%	5.74	0.658	50.7	25	5.05	0	1	3
99.70%	2.81	0.531	48.6	25	45.2	0	2	0

99.70%	4.26	0.544	63.4	25	61	0	2	0
99.70%	5.05	0.599	51.5	25	49.8	0	1	0
99.70%	2.91	0.351	36.6	25	27.3	0	1	0
99.70%	2.69	0.486	43.1	25	37.8	0	1	0
99.70%	4.21	0.507	45.6	25	45.2	0	1	0
99.70%	3.59	0.393	38	25	34.9	0	1	0
99.70%	5.59	0.509	66.1	25	0	0	2	0
99.70%	2.9	0.376	32.1	25	18.7	0	2	0
99.70%	4.92	0.594	97.1	25	91.6	0	2	0
99.70%	5	0.626	70.1	25	70.1	0	2	0
99.70%	3.11	0.305	46	25	41.8	0	1	0
99.70%	3.59	0.734	80.3	25	78	0	5	0
99.70%	4.64	0.643	73.1	25	69.8	0	9	1
99.70%	3.59	0.582	43.8	25	40.3	0	5	0
99.70%	5.98	0.722	66.1	25	65.6	0	4	2
99.70%	4.16	0.539	32.1	25	26.3	0	2	1
99.70%	3.48	0.517	35.5	25	35.5	0	2	0
99.70%	4.14	0.698	62.4	25	58.8	0	8	0
99.70%	4.47	0.629	72.4	25	63.6	0	3	0
98.80%	1.85	1	30.9	25	30.9	0	3	0
99.70%	6.01	0.695	56.5	25	56.2	0	13	3
99.70%	5.85	0.675	65.7	25	65.7	0	4	2
99.70%	6.12	0.725	112	25.5	112	0	17	0
99.70%	5.94	0.727	99.9	26.6	99.9	0	2	0
99.70%	3.99	0.496	85.7	25	85.7	0	2	3
99.70%	4.8	0.536	65.4	25	55.6	0	2	0
99.70%	6.57	0.685	88	25	88	0	2	1
99.70%	2.76	0.498	46	25	37.4	0	2	0
99.70%	3.48	0.469	57.1	25	49.5	0	2	0
99.70%	4.21	0.508	38	25	31.6	0	1	0
99.70%	5.49	0.587	86.2	25	86.1	0	2	0
99.70%	5.27	0.733	26.2	25.2	24.3	0	0	5
99.70%	3.65	0.561	51.5	25	47.8	0	1	0
99.70%	5.35	0.591	53.2	25	53.2	0	2	0
99.70%	3.84	0.419	39.1	25	39.1	0	1	0
99.70%	6.04	0.672	76.9	25	76.9	0	1	0
99.70%	3.75	0.682	76.7	25	75.4	0	3	0
99.70%	5.4	0.679	56.7	25	56.7	0	2	0
99.70%	2.67	0.524	51.1	25	45.7	0	4	0
99.70%	4.42	0.567	88.3	25	83	0	7	0
99.70%	5.11	0.652	84.8	25	84.4	0	3	0
99.70%	3.2	0.567	50.9	25	44	0	2	0
99.70%	4.95	0.645	78.7	25	76	0	3	0
99.70%	3.11	0.593	44.9	25	44.2	0	4	0
99.70%	7.16	0.677	103	25	0.11	0	4	0
99.70%	2.33	0.257	21.1	25	18	0	2	0
99.70%	3.91	0.694	35.4	25	35.4	0	6	0

99.70%	2.51	0.445	28.4	25	21.2	0	2	0
99.70%	2.63	0.4	32.6	25	27.1	0	1	0
99.70%	3.62	0.687	82.9	25	78.9	0	2	0
99.70%	3	0.617	22.5	25	22.5	0	0	1
99.70%	4.41	0.598	40.3	25	35.2	0	1	2
99.70%	2.47	0.257	25.3	25	14.7	0	2	0
99.70%	4	0.469	41.9	25	31.6	0	2	0
99.70%	3.91	0.353	38.6	25	-12.2	0	1	0
99.70%	2.4	0.388	25	25	24	0	3	0
99.70%	3.01	0.443	46.1	25	46.1	0	2	0
99.70%	3.1	0.475	44.5	25	42.9	0	1	0
99.70%	3.96	0.521	33.2	25	31	0	1	0
99.70%	4.59	0.66	80.1	25	78	0	3	0
99.70%	2.53	0.0316	23.1	25	9.19	0	1	0
99.70%	4.45	0.574	70.3	25	68.9	0	2	0
99.70%	2.69	0.23	21	25	14	0	1	0
99.70%	3.3	0.589	72.2	25	60.9	0	2	0
99.70%	4.36	0.437	56.3	25	26.7	0	1	0
99.70%	2.97	0.489	40.8	25	34	0	2	0
99.70%	5.64	0.58	39.1	25.6	0	0	0	1
99.70%	2.69	0.442	27.1	25	27.1	0	1	0
99.70%	5.57	0.695	65.8	25	65.8	0	1	0
99.70%	3.69	0.466	68.3	25	60.8	0	1	0
99.70%	5.03	0.691	18.3	27.9	-11.4	0	0	1
99.70%	4.57	0.554	91.4	25	81.1	0	2	0
99.70%	3.79	0.482	26	25	0	0	0	1
99.70%	5.93	0.703	60.3	25	59	0	1	0
99.70%	5.06	0.633	57.4	25	57.4	0	1	2
99.70%	4.53	0.437	69.7	25	59.6	0	2	0
99.70%	4.52	0.478	45.4	25	40.9	0	2	0
99.70%	2.42	0.464	95.4	25	95.4	0	1	0
99.70%	5.66	0.707	107	25	107	0	4	0
99.70%	5.34	0.569	74	25	73.1	0	2	0
99.70%	3.97	0.599	58.1	25	56.1	0	1	0
99.70%	4.01	0.618	57.7	25	57.7	0	1	0
99.70%	5.4	0.526	56.9	25	15.3	0	3	0
99.70%	4.49	0.558	70.4	25	67.1	0	2	0
99.70%	3.56	0.482	38.3	25	38.3	0	1	0
99.70%	2.08	0.183	20.4	25	14	0	1	0
99.70%	2.8	0.432	49.5	25	42.8	0	1	0
99.70%	3.71	0.543	50.2	25	39.6	0	3	0
99.70%	3.77	0.451	21.4	25	21	0	0	2
99.70%	4.29	0.534	83.3	25	70.3	0	2	0
99.70%	2.86	0.458	33.2	25	32.2	0	4	0
98.80%	1.89	0.193	14.8	25	14.8	0	1	0
99.70%	2.63	0.478	20.3	25	17.7	0	2	0
99.70%	6.21	0.706	80.1	25	80.1	0	1	0



99.70%	3.45	0.482	53.7	25	53.7	0	2	0
99.70%	4.63	0.601	69.7	25	69.7	0	1	0
99.70%	3.87	0.448	46.4	25	35.4	0	1	0
99.70%	3.01	0.312	33.1	25	18.1	0	1	0
99.70%	5.09	0.544	73.5	25	68.4	0	1	0
99.70%	5.36	0.647	83.2	25	83.2	0	4	0
99.70%	1.71	0.289	36.5	25	28.9	0	1	0
99.70%	3.8	0.402	55.1	25	36.6	0	2	0
99.70%	3.95	0.442	53.2	25	40.9	0	1	0
99.70%	6.05	0.715	94.7	25	94.7	0	1	0
99.70%	4.28	0.617	70.4	25	67.4	0	2	0
99.70%	6.06	0.567	109	25	91.6	0	2	0
99.70%	5.72	0.645	81	25	81	0	2	0
99.70%	4.61	0.594	61.4	25	60.6	0	0	1
99.70%	3.5	0.153	43.3	25	19.7	0	1	0
99.70%	3.11	0.488	45.6	25	42.3	0	1	0
99.70%	5.15	0.619	49.3	25	47.9	0	3	0
98.80%	2.18	0.354	46.5	25	24.8	0	1	0
99.70%	3.35	0.502	41.7	25	33.7	0	2	0
99.60%	6.62	0.754	42.9	27.6	-11	0	0	1
99.70%	2.78	0.543	32.3	25	30.8	0	2	0
99.70%	5.75	0.641	97.7	25	97.6	0	3	0
99.70%	1.71	0.671	42.7	25	40.5	0	3	0
99.70%	3.37	0.508	30.2	25	29.3	0	1	0
99.70%	3.46	0.552	33.2	25	25.5	0	2	0
99.70%	3.48	0.584	37.7	25	37.7	0	1	0
99.70%	5.28	0.63	68.2	25	60.7	0	3	0
99.70%	4.3	0.655	63.1	25	63.1	0	5	0
99.70%	3.05	0.538	22.2	25	22.2	0	5	1
98.80%	2.07	0.241	37.6	25	10.9	0	1	0
99.70%	3.87	0.766	42.3	25	42.3	0	4	0
99.70%	3.85	0.591	36	25	10.5	0	1	0
99.70%	3.07	0.434	35.5	25	26.4	0	2	0
99.70%	4.43	0.563	50	25	9.47	0	1	0
99.70%	2.92	0.51	43.8	25	34.2	0	2	0
99.70%	2.97	0.416	40.9	25	31.3	0	4	0
99.70%	4.89	0.628	69.3	25	69.3	0	8	0
99.70%	4.48	0.639	59.6	25	58.8	0	2	0
99.70%	5.35	0.629	44.7	28	44.7	0	4	1
99.70%	4.3	0.694	61	25	61	0	4	0
99.70%	4.46	0.481	57.7	25	54.5	0	4	0
99.70%	3.87	0.42	36.6	25	22.6	0	3	0
99.70%	4.2	0.662	94.2	25	94.2	0	2	0
99.70%	2.79	0.3	44.3	25	28.7	0	2	0
99.70%	3.89	0.499	74.3	25	53.2	0	10	0
99.70%	5.46	0.619	77.6	25	71.8	0	5	2

98.80%	1.56	0.64	17.2	25	17.2	0	4	0
99.70%	5.06	0.7	50.6	25	49.9	0	4	0
98.80%	1.99	0.436	27.7	25	18.5	0	1	0
99.70%	2.9	0.446	37	25	24.5	0	2	0
99.70%	3.18	0.389	55.1	25	21.4	0	1	0
98.80%	2.32	0.635	35.3	25	22.4	0	2	0
99.70%	3.87	0.461	48.2	25	45.5	0	2	0
99.70%	4.1	0.436	66.2	25	58.6	0	1	0
99.70%	4.75	0.65	55.6	25	53.1	0	1	0
99.70%	3.42	0.606	65	25	55.5	0	2	0
99.70%	3.41	0.429	32.8	25	32.8	0	1	0
99.70%	4.06	0.607	30	25	28.6	0	0	2
99.70%	3.73	0.452	34.6	25	32.7	0	1	0
98.80%	2.02	0.178	25.4	25	7.9	0	1	0
99.70%	4.07	0.456	58.4	25	45.2	0	1	0
99.70%	3.35	0.411	32.8	25	23.2	0	1	0
99.40%	2.11	0.305	25.7	25	7.03	0	1	0
99.70%	3.48	0.467	54.4	25	40.6	0	2	0
98.80%	2.22	0.346	30.6	25	24.2	0	2	0
99.70%	2.28	0.306	37.8	25	33.4	0	2	0
99.70%	3.59	0.442	38.8	25	38.3	0	2	0
99.70%	3.31	0.346	17.1	25	17.1	0	0	2
99.70%	2.76	0.622	45.8	25	42.5	0	2	0
99.70%	3.69	0.616	51.8	25	49.5	0	2	0
99.70%	3.82	0.417	49.2	25	49.2	0	1	0
99.70%	5.46	0.671	65	25	61	0	2	0
99.70%	1.78	0.203	37.5	25.5	36.4	0	0	2
99.70%	3.3	0.369	22.5	26.1	22.5	0	0	1
99.20%	2.78	0.256	14.9	26.4	14.9	0	0	2
99.70%	5.98	0.646	89.9	25	89.9	0	4	2
99.70%	5.49	0.726	77.5	25	77.5	0	3	2
99.70%	1.88	0.201	25.4	25	23.7	0	0	2
99.70%	4.09	0.574	54.8	25	53.6	0	1	1
99.70%	4.71	0.437	74	25	58	0	2	0
99.70%	4.35	0.67	28.9	25	28.9	0	0	5
99.70%	2.03	0.563	41.2	25	34.1	0	2	0
99.70%	4.39	0.52	32.9	25	32.9	0	4	2
99.70%	5.59	0.686	89.2	25	87	0	5	1
99.70%	3.32	0.171	21	25	17.7	0	0	3
99.70%	4.34	0.539	34.9	25	34.9	0	2	5
99.10%	2.4	0.374	9.76	25	9.06	0	0	1
99.70%	2.8	0.565	34.9	25	34.9	0	2	0
99.70%	5.28	0.732	80	25	80	0	10	0
99.70%	5.53	0.554	43.1	25	43.1	0	2	0
99.70%	3.6	0.562	36.9	25	36.9	0	0	2
99.70%	4.06	0.703	53.1	25	53.1	0	4	0
99.70%	2.49	0.397	31.7	25.3	31.7	0	0	2

99.70%	5.25	0.644	52.6	25	50	0	3	0
98.80%	1.86	0.441	41.4	25	36.9	0	2	0
99.60%	2.57	0.164	26.2	25	0.23	0	1	0
99.70%	4.81	0.509	55.8	25	51.9	0	2	0
99.70%	2.75	0.308	25.7	25	13.7	0	1	0
99.70%	2.79	0.419	31.7	25	20.4	0	1	0
99.70%	5.77	0.521	61.2	27	60.8	0	0	1
99.70%	3.86	0.568	56.8	25	56.8	0	2	0
99.70%	3.48	0.588	62.6	25	59	0	2	0
99.70%	2.99	0.434	65.8	25	57.8	0	1	0
99.70%	3.64	0.587	47.4	25	47.4	0	1	0
99.70%	4.54	0.563	64	25	64	0	2	0
99.70%	4.78	0.504	51.3	25	51.3	0	1	0
99.70%	2.43	0.436	18.5	25	15.8	0	1	0
99.70%	2.48	0.381	18.5	25	18.5	0	1	0
99.70%	2.71	0.527	42.6	25	41.2	0	2	0
99.70%	3.34	0.557	16.2	26	15.2	0	1	3
99.70%	3.72	0.731	71.9	25	71.9	0	1	0
99.70%	3.6	0.534	27.3	25	27.3	0	0	1
99.70%	4.23	0.5	57.2	25	47.2	0	3	0
99.70%	5.78	0.726	52	25	51.7	0	3	2
99.70%	3.06	0.586	56	25	48.6	0	2	0
99.70%	4.39	0.658	78.5	25	78.5	0	2	0
99.70%	2.96	0.409	45.5	25	30.2	0	1	0
99.70%	3.23	0.472	46.8	25	46.5	0	1	0
99.70%	2.87	0.565	49.3	25	38.3	0	1	0
99.70%	4.73	0.685	81	25	81	0	3	0
98.80%	1.59	0.352	26.1	25	18.7	0	1	0
99.70%	4.04	0.634	76.7	25	71.9	0	4	0
99.70%	3.28	0.534	49.5	25	46.8	0	2	0
99.70%	2.06	0.23	23.4	25	23.4	0	1	0
99.70%	5.06	0.648	29.4	25	29.4	0	1	0
99.70%	3.77	0.55	48.7	25	45.1	0	2	0
98.10%	1.12	-0.205	14.8	25	7.26	0	1	0
99.70%	4.45	0.499	64.4	25	59.2	0	1	0
99.70%	3.17	0.458	30.2	25	24.8	0	2	0
99.70%	4.29	0.597	78.5	25	17.4	0	2	0
99.70%	4.48	0.639	86	25	86	0	1	0
99.70%	4.96	0.692	90.5	25	90.5	0	2	0
99.70%	3.56	0.486	61.6	25	55.2	0	2	0
99.70%	3.73	0.689	72.3	25	72.3	0	4	0
99.70%	4.13	0.652	85	25	81.9	0	6	1
99.70%	3.27	0.612	55.3	25	45.8	0	5	0
99.70%	5.71	0.582	44.2	25	0	0	4	0
99.70%	3.71	0.499	59.8	25	55.7	0	1	0
99.70%	4.05	0.723	87.5	25	85.2	0	7	0
99.70%	4.34	0.615	47.6	25	39.2	0	6	0

98.80%	1.44	1	22.6	25	22.6	0	3	0
99.70%	6.05	0.691	69.6	25	69.6	0	7	1
99.70%	4.59	0.587	48.7	25	47.7	0	3	3
99.70%	6.45	0.719	110	25.7	110	0	13	0
99.70%	5.52	0.652	55.4	27.2	55.4	0	3	2
99.70%	5.96	0.669	83.3	25	78.5	0	1	0
99.70%	5.72	0.687	43.2	25	-24.1	0	1	0
99.70%	3.92	0.582	68.2	25	65	0	2	0
99.70%	2.88	0.489	50.4	25	48.4	0	2	0
99.70%	4.38	0.512	76.2	25	68.8	0	4	0
99.70%	2.51	0.477	35.2	25	32.7	0	1	0
99.70%	3.35	0.639	50.1	25	50.1	0	2	0
99.70%	3.46	0.619	38.1	25	38.1	0	3	0
99.70%	2.29	0.11	25.2	25	14.7	0	1	0
99.70%	3.97	0.498	76.3	25	69.1	0	3	0
99.70%	6.47	0.704	57.2	25	57.2	0	0	2
99.70%	2.78	0.454	50.4	25	38.8	0	2	0
99.70%	3.62	0.594	39.5	25.6	39.5	0	1	0
99.70%	2.91	0.464	42.8	25	27.8	0	2	0
99.70%	4.64	0.488	54.1	25	41	0	1	0
99.70%	2.45	0.347	39.3	25	25	0	1	0
99.70%	3.23	0.624	79.2	25	76.7	0	1	0
99.70%	3.78	0.589	38	25	28.9	0	2	0
99.70%	3.6	0.438	12.2	25.7	12.2	0	0	2
99.70%	3.96	0.56	61.4	25	54.5	0	3	0
99.70%	4.53	0.577	48.2	25.1	33.4	0	1	2
99.70%	5.53	0.599	74.4	25	74.4	0	2	0
99.70%	4.04	0.56	120	25	112	0	2	0
99.70%	3.97	0.69	59.2	25	59.2	0	2	1
99.70%	3.23	0.618	49.6	25	49.6	0	4	0
99.70%	4.94	0.59	76.2	25	71.9	0	1	0
99.70%	5.3	0.647	97.3	25	97.3	0	3	0
99.70%	4.49	0.661	31.7	27.6	31	0	0	2
99.70%	1.88	0.513	48.5	25	44.2	0	2	0
99.70%	4.33	0.449	65.6	25	52.8	0	1	0
99.70%	4.36	0.407	60.3	25	50.4	0	2	0
99.70%	2.45	0.608	39.6	25	39.6	0	1	0
99.70%	7.11	0.668	64.1	28.5	64.1	0	0	2
99.70%	4.14	0.6	47.2	25	42.1	0	1	0
99.70%	2.95	0.461	40.3	25	35.5	0	2	0
99.70%	1.69	0.498	35.5	25	35.5	0	2	0
99.70%	3.06	0.537	34.5	25	28.4	0	2	0
99.70%	5.12	0.541	80.3	25	76.7	0	2	0
99.70%	3.36	0.457	37.3	25	32.3	0	1	0
99.70%	3.71	0.675	115	25	106	0	2	0
99.70%	5.44	0.649	80.7	25	76.8	0	1	0

99.70%	2.24	0.248	17.2	25	17.2	0	1	0
99.70%	5.21	0.672	67	25	26	0	1	0
99.70%	3.81	0.754	80.7	25	80.7	0	4	0
99.70%	4.48	0.654	91.7	25	86	0	14	2
99.70%	3.49	0.49	44.1	25	37.8	0	6	0
99.70%	5.37	0.65	60.4	25	58.4	0	5	0
99.70%	4.02	0.594	27.7	25	22.3	0	2	3
99.70%	5.02	0.624	39	25	39	0	2	0
99.70%	4.03	0.715	69.9	25	69.9	0	9	0
99.70%	4.43	0.588	64.8	25	56.3	0	3	0
98.80%	1.63	1	22.3	25	22.3	0	5	0
99.70%	6.04	0.693	92.5	25	92.5	0	13	4
99.70%	6.31	0.581	65	25	53.4	0	2	0
99.70%	7.22	0.726	86.6	25	86.6	0	21	0
99.70%	5.13	0.513	47.7	30.4	-0.91	0	0	1
99.70%	5.42	0.716	91.1	26.5	91.1	0	3	0
99.70%	4.5	0.663	73.4	25	73.4	0	2	0
99.70%	3.2	0.339	58.7	25	43.7	0	2	0
99.70%	3.45	0.445	43	25	35.5	0	2	0
99.70%	4.22	0.536	76.2	25	66.7	0	3	0
99.70%	2.8	0.567	37.7	25	36	0	3	0
99.70%	3.57	0.588	43.3	25	43.3	0	2	4
99.70%	3.04	0.447	50.6	25	38.5	0	1	0
99.70%	3.4	0.617	70.5	25	60.6	0	1	0
99.70%	3.58	0.373	44.1	25	40.1	0	3	0
99.70%	3.36	0.584	56.3	25	56.3	0	2	0
99.70%	2.18	0.549	30.5	25	24.6	0	2	0
99.70%	2.82	0.436	28	25	26.3	0	2	0
99.70%	3.93	0.643	58.4	25	58.4	0	2	0
99.70%	2.25	0.305	27.1	25	26.1	0	2	0
98.50%	3.06	0.326	17.2	27.4	12.7	0	0	1
99.70%	4.43	0.643	71.5	25	71.4	0	2	0
99.70%	4.36	0.508	57.1	25	52.3	0	1	0
99.70%	4.51	0.681	68.5	25	64.8	0	2	0
99.70%	5.21	0.624	79.9	25	79	0	2	0
99.70%	4.52	0.689	54.4	25	54.4	0	2	0
98.80%	2.31	0.43	27.8	25	23.3	0	1	0
99.70%	3.49	0.455	38.2	25	34	0	1	0
99.70%	3.59	0.442	31.8	25	23.1	0	4	0
99.70%	3.26	0.397	43.5	25	43.5	0	1	0
99.70%	2.36	0.252	25.4	25	14.7	0	2	0
99.70%	3.65	0.436	47	25	33.7	0	2	0
99.70%	2.3	0.326	28.9	25	24.7	0	3	0
99.70%	2.45	0.331	37	25	33.9	0	2	0
99.70%	3.88	0.43	57.5	25	51.1	0	1	0
99.70%	2.93	0.509	44.8	25	42.8	0	2	0
99.70%	4.18	0.599	53.1	25	49.4	0	2	0

99.70%	4.44	0.561	35.7	25	0	0	0	1
99.70%	3.54	0.394	44.3	25	39.4	0	1	0
99.70%	3.93	0.449	47.5	25	-0.03	0	1	0
99.70%	3.9	0.557	24.4	25	20.3	0	1	0
99.70%	4.07	0.593	76.2	25	72	0	2	0
99.70%	5.04	0.45	50.4	25.2	47.5	0	0	1
99.60%	3.09	0.415	17.4	25	16.4	0	2	0
99.70%	2.47	0.652	31.2	25	24.1	0	2	0
99.70%	3.24	0.446	32.2	25	28.3	0	1	0
99.70%	5.51	0.501	98.9	25	97	0	1	0
99.70%	5.02	0.652	80.2	25	77	0	2	0
98.80%	2.24	0.42	39.3	25	32.4	0	2	0
99.70%	2.67	0.413	29.4	25	24.6	0	2	0
99.70%	4.63	0.619	62.8	25	61.4	0	4	0
99.70%	3.23	0.349	43.2	25	30.5	0	1	0
99.70%	3.34	0.565	72.4	25	63.3	0	2	0
99.70%	2.84	0.458	45.6	25	38.7	0	2	0
99.70%	5.91	0.626	56	27	56	0	0	1
99.70%	3.53	0.663	51.7	25	50.9	0	2	0
99.70%	6	0.577	70.2	25	67.3	0	1	0
99.70%	3.31	0.474	57	25	51.7	0	2	0
99.70%	5.02	0.658	70.5	25	66.6	0	1	0
99.70%	3.89	0.554	89.7	25	85.8	0	1	0
99.70%	5.13	0.522	81.2	25	67.5	0	2	0
99.70%	6.43	0.725	106	25	106	0	1	0
99.70%	2.37	0.456	45.6	25	45.6	0	1	0
99.70%	3.27	0.48	38.7	25	30.3	0	2	0
99.70%	4.05	0.594	51.1	25	45	0	4	0
99.70%	2.9	0.382	35.7	25	21.8	0	2	0
99.70%	3.51	0.567	49.5	25	48.6	0	1	0
99.70%	3.97	0.745	73	25	73	0	2	0
99.70%	5.46	0.647	85	25	68.2	0	6	0
99.70%	2.55	0.433	31.9	25	25.9	0	1	0
99.70%	2.84	0.431	25.4	25	15.7	0	2	0
99.70%	3.86	0.371	57.7	25	45	0	1	0
99.70%	5.42	0.688	80.4	25	80.4	0	1	0
99.70%	2.84	0.537	61.3	25	61.3	0	2	0
99.70%	4.66	0.633	67.9	25	67.9	0	2	0
99.70%	4.64	0.547	87.7	25	87.7	0	1	0
99.70%	4.29	0.607	38.5	25	38.5	0	2	0
99.70%	3.05	0.443	34.5	25	33.2	0	2	0
99.70%	3.12	0.5	40.8	25	39.3	0	2	0
99.70%	2.42	0.493	46.6	25	43.7	0	1	0
99.70%	4.16	0.57	68.6	25	63.2	0	1	0
99.70%	3.07	0.562	49.6	25	42.3	0	3	0
99.70%	2.85	0.618	33.4	25	33.4	0	2	1

99.70%	2.82	0.726	60.8	25	60.8	0	4	0
99.70%	4.36	0.576	82.3	25	79.5	0	2	0
99.70%	5.86	0.703	50.8	25	-21.4	0	2	3
99.70%	2.88	0.442	41.4	25	32.9	0	2	0
99.70%	3.03	0.5	45.9	25	36.4	0	2	0
99.70%	4.58	0.561	66.1	25	56.7	0	2	0
99.70%	3.74	0.562	62.8	25	58.7	0	1	0
99.30%	2.09	0.321	15.7	25	15.7	0	1	0
99.70%	3.75	0.71	83.8	25	81.3	0	13	0
99.70%	3.71	0.708	82.8	25	80.7	0	26	3
99.70%	2.23	0.36	23.9	25	21.4	0	1	0
99.70%	3.06	0.592	53.4	25	43.2	0	11	0
99.70%	3.67	0.735	57.9	25	57.9	0	14	4
99.70%	4.65	0.703	76.7	25	76.7	0	12	0
99.70%	4.22	0.625	64	25	54.6	0	9	0
98.80%	1.54	1	31.3	25	31.3	0	5	0
99.70%	5.68	0.703	50.5	25.1	50.5	0	21	1
99.70%	5.89	0.649	61.8	25	61.8	0	12	0
99.70%	7.05	0.764	103	25.2	103	0	41	0
99.70%	6.55	0.729	103	26.4	103	0	13	0
99.70%	5.05	0.589	62.8	25	57.9	0	3	0
99.70%	5.19	0.61	103	25	94.5	0	3	0
99.70%	4.85	0.675	52.9	25	52.9	0	4	0
99.70%	2.96	0.47	29.9	25.2	29.9	0	0	1
99.70%	3.34	0.615	42.7	25	42.7	0	1	1
99.70%	3.31	0.549	44	25	36.5	0	1	0
99.70%	4.87	0.645	79.8	25	73.3	0	4	0
99.70%	5.4	0.696	95.6	25	95.6	0	5	0
99.70%	3.59	0.633	29.4	27.4	22.4	0	0	1
99.70%	2.4	0.636	52.4	25	47.4	0	2	0
99.70%	3.84	0.488	60.6	25	48.6	0	2	0
99.70%	4.4	0.463	64.9	25	47.7	0	2	0
99.70%	2.15	0.576	38.2	25	37.2	0	4	0
99.70%	2.52	0.444	49.5	25	49.5	0	3	0
99.70%	2.87	0.573	41.8	25	38.6	0	2	0
99.70%	3.84	0.659	66.7	25	63.8	0	2	0
99.70%	2.81	0.359	40	25	30.9	0	1	0
99.70%	2.75	0.575	29.3	25	28.1	0	1	0
99.70%	4.72	0.637	49.9	25	49.9	0	2	0
99.70%	3.21	0.299	37.9	25	28.2	0	1	0
99.70%	2.46	0.516	19.5	25	17.6	0	1	0
99.70%	3.39	0.569	48.3	25.3	46.8	0	1	0
99.70%	5.1	0.546	85.4	25	15	0	1	0
99.70%	3.07	0.346	24.9	25	21.2	0	2	0
99.70%	3.64	0.583	87.5	25	87.5	0	1	0
99.70%	4.71	0.494	80.1	25	70.1	0	1	0
99.70%	4.83	0.611	93.4	25	88.9	0	3	0

99.70%	1.5	0.352	35.5	25	35.5	0	1	0
99.70%	5.87	0.706	83.3	25	8.5	0	4	0
99.70%	3.35	0.419	44	25	40.8	0	2	0
99.70%	2.62	0.415	39	25	38.5	0	2	0
99.70%	3.84	0.502	46	25	38.8	0	2	0
99.70%	2.56	0.343	38.7	25	32.7	0	2	0
99.70%	2.33	0.244	20.5	25	19.1	0	1	0
99.70%	4.32	0.623	56.1	25	54.8	0	2	0
99.70%	3.63	0.384	46.5	25	44.6	0	2	0
99.70%	4.41	0.62	39.1	25	-10.5	0	1	0
99.70%	3.21	0.468	53.6	25	37	0	2	0
98.80%	2.55	0.419	26	25	21.5	0	2	0
99.70%	2.52	0.366	31.6	25	26.7	0	1	0
99.70%	3.88	0.552	34.4	25	26.4	0	1	0
99.70%	4.22	0.571	50.6	25	50.6	0	3	0
99.70%	4.67	0.639	65.1	25	65.1	0	3	0
99.70%	2.08	0.501	28.9	25	28.9	0	1	0
99.70%	3.31	0.414	56.6	25	45	0	3	0
99.70%	3.13	0.4	32.5	25	25.2	0	2	0
99.70%	4.05	0.455	39.7	25	33.3	0	1	1
99.70%	3.69	0.439	54.1	25	38.6	0	2	0
99.70%	4.89	0.569	76.4	25	72.8	0	2	0
99.70%	5.08	0.665	51	25	-14.1	0	2	0
99.70%	3.71	0.53	58.5	25	58.5	0	2	0
99.70%	1.67	0.313	20.7	25	20.6	0	2	0
99.70%	5.46	0.548	62.8	25	62.8	0	1	0
99.70%	1.86	0.285	20.1	25	20.1	0	2	0
99.70%	5	0.671	77.9	25	75.1	0	2	0
98.80%	1.88	0.524	40	25	32.4	0	1	0
99.70%	2.69	0.459	29.5	25	23.9	0	1	0
99.70%	4.05	0.705	77.6	25	77.6	0	2	0
99.70%	4.74	0.637	75.1	25	73.1	0	3	0
99.70%	1.98	0.286	26.7	25	20.1	0	1	0
99.70%	3.15	0.507	58.1	25	48.3	0	2	0
99.70%	4.11	0.531	45	27.1	45	0	0	1
99.70%	4.23	0.544	35	25	34.5	0	2	0
99.70%	4.54	0.598	92.7	25	91	0	2	0
99.70%	2.7	0.621	67.3	25	61.1	0	3	0
98.10%	2.46	0.103	13.6	25	6.28	0	1	0
99.70%	4.61	0.493	78.1	25	78	0	1	0
99.70%	4.4	0.643	49.9	25	49.9	0	2	0
99.70%	4.43	0.485	35.3	25	34.6	0	2	0
99.70%	5.07	0.717	60.2	25	60.2	0	2	0
99.70%	5.57	0.683	91.7	25	91.7	0	3	0
99.70%	1.91	0.402	31.8	25	22.9	0	2	0
99.70%	2.77	0.335	48.3	25	39.8	0	2	0



99.70%	3.52	0.335	56	25	45.3	0	1	0
99.70%	2.49	0.64	40.6	25	40.6	0	2	0
99.70%	4.04	0.358	52.5	25.5	32.3	0	1	0
99.70%	3.19	0.484	33.1	25	22.5	0	3	0
99.70%	3.7	0.562	39.4	27.6	39.4	0	0	2
99.70%	5.16	0.616	83.7	25	81.5	0	4	0
99.70%	2.99	0.322	32.8	25	29.5	0	6	0
99.70%	4.59	0.492	32.6	25	5.16	0	1	1
99.70%	3.39	0.675	23.7	25	23.7	0	2	0
99.70%	4.88	0.493	62.8	25	55.1	0	2	0
99.70%	4.79	0.643	86.7	25	76.9	0	4	0
99.70%	2.28	0.376	13.8	25	13.8	0	1	0
99.70%	4.18	0.692	77.9	25	77.9	0	5	0
99.70%	3.14	0.495	49.1	25	45.1	0	1	0
99.70%	4.32	0.611	48.1	25	45.9	0	1	0
99.70%	2.97	0.467	31.9	25	0	0	1	0
99.70%	4.36	0.468	51	25	46.3	0	1	0
99.70%	3.29	0.532	35.7	25	26.8	0	1	0
98.80%	1.91	0.262	31.4	25	22.8	0	1	0
99.70%	3.55	0.504	69.3	25	63.3	0	1	0
99.70%	2.43	0.498	40.5	25	32.5	0	1	0
99.70%	3.48	0.508	70	25	70	0	1	0
99.70%	2.38	0.441	34.4	25	25.5	0	1	0
99.70%	3.21	0.416	33.8	25	33.2	0	1	0
99.70%	2.38	0.202	33.7	25	22.1	0	2	0
99.70%	6.03	0.615	83.8	25	74.9	0	2	0
99.70%	2.66	0.549	38.7	25	38.7	0	1	0
99.70%	2.9	0.485	57.2	25	57.2	0	2	0
99.70%	4.92	0.561	54.8	25	0	0	1	0
99.70%	4.22	0.724	27.7	25	-13.8	0	1	0
99.70%	5.55	0.721	69.2	25	25.2	0	2	0
99.70%	2.02	0.221	36.3	25	19.5	0	1	0
99.70%	3.16	0.582	58.3	25	50.4	0	2	0
99.70%	2.36	0.397	32.7	25	30.8	0	1	0
99.70%	4.78	0.602	69.1	25	62.6	0	2	0
99.70%	4.52	0.539	39.2	25	37.7	0	2	0
99.70%	2.79	0.464	17.5	25	17.4	0	2	0
99.70%	3.57	0.517	13.8	25.6	13.7	0	0	2
97.80%	3.75	0.436	19.9	25	7.9	0	1	0
99.70%	5.68	0.642	83.3	25	80.2	0	2	0
99.70%	5.23	0.735	92.8	25	92.8	0	1	0
99.70%	3.09	0.471	43.3	25	39	0	2	0
99.70%	4.69	0.612	70.8	25	67.1	0	1	0
99.70%	4.77	0.66	80.3	25	80.3	0	1	0
98.80%	1.85	0.526	39.7	25	33.4	0	2	0
99.70%	3.95	0.63	59.9	25	59.9	0	2	0
99.70%	4.34	0.516	44.3	25	34.9	0	1	0

99.00%	2.27	0.1	17.4	25	4.87	0	1	0
99.70%	3.27	0.541	54.2	25	42.9	0	2	0
99.70%	4.27	0.649	31.6	25	31.6	0	2	0
99.70%	6.22	0.652	85.8	25	82.8	0	1	0
99.70%	3.09	0.517	72.2	25	62.4	0	2	0
99.70%	2.82	0.43	38.3	25	37.7	0	1	0
99.70%	2.23	0.225	43.4	25	35	0	1	0
99.70%	5.73	0.585	62.1	25	0	0	2	0
99.70%	4.44	0.632	40.4	25	40.4	0	2	2
99.70%	4.47	0.59	36.8	25	32.6	0	1	0
99.70%	2.92	0.615	35.1	25	35.1	0	1	0
99.70%	4.32	0.518	72.8	25	61	0	3	0
99.70%	6.3	0.649	48.1	25	48.1	0	2	14
99.70%	2.82	0.647	45.8	25	45.3	0	2	0
99.70%	4.82	0.601	62.3	25	62.3	0	4	0
99.70%	3.23	0.472	43.6	25	34.8	0	7	0
99.70%	3.97	0.753	74.9	25	74.9	0	41	0
99.70%	4.61	0.66	82.7	25	80	0	42	4
99.70%	1.92	0.409	38	25	32.4	0	2	0
99.70%	3.36	0.593	42.1	25	42.1	0	33	0
99.70%	5.22	0.69	61.8	25	15.1	0	24	25
98.80%	1.86	0.67	38.2	25	27.8	0	1	0
99.70%	2.49	0.404	38.5	25	38.5	0	0	1
99.70%	4.17	0.723	73.2	25	73	0	21	0
99.70%	4.29	0.646	66.9	25	57.8	0	25	0
98.80%	1.87	1	41.5	25	41.5	0	13	0
99.70%	2.38	0.497	55.8	25.1	55.8	0	0	2
99.70%	3.6	0.667	45	26.9	37.2	0	44	4
99.70%	6.66	0.659	95.4	25	86.9	0	40	35
99.70%	7.08	0.768	88.9	25.8	88.9	0	60	0
99.70%	5.73	0.693	102	28.7	102	0	0	2
99.70%	5.01	0.674	57.7	27.4	57.7	0	38	1
99.70%	4.33	0.561	39.4	25	37.4	0	1	0
99.70%	3.32	0.421	46.1	25	23	0	1	0
99.70%	5.3	0.703	93.5	25	93.5	0	3	0
99.70%	4.01	0.607	52.2	26.7	45.2	0	0	5
99.70%	2.7	0.611	54.6	25	46.7	0	5	0
99.70%	3.3	0.401	49.3	25	37.3	0	1	0
99.70%	4.21	0.431	63.5	25	51.4	0	1	0
99.70%	2.75	0.543	47.1	25	47.1	0	2	0
99.70%	4.99	0.658	41.4	28.5	41.4	0	0	2
98.40%	3.27	0.528	0	0	0	0	0	1
99.70%	4.27	0.59	67.3	25	60.2	0	3	0
99.70%	6.44	0.603	98.7	25	94.7	0	4	0
99.70%	5.45	0.709	77.4	25	76.9	0	5	0
99.70%	4.46	0.56	103	25	103	0	1	0

99.70%	4.53	0.641	41.7	25	6.53	0	1	6
99.70%	2.99	0.124	35.6	25	18	0	2	0
99.70%	5.02	0.657	48.3	28.2	48.3	0	1	2
99.70%	3.31	0.621	46.3	25	42.6	0	3	0
99.70%	4.64	0.632	68	25	63.3	0	3	0
99.70%	2.59	0.337	24.3	25	18.8	0	2	0
99.70%	3.91	0.644	103	25	99	0	2	0
99.70%	3.34	0.59	24.9	25	24.1	0	0	1
99.70%	3.97	0.524	46.7	25	38.3	0	1	0
99.70%	4.52	0.556	30.9	25	30.9	0	1	1
99.70%	3.84	0.589	55.5	25	55.5	0	3	0
99.70%	3.34	0.524	44.9	25	42.3	0	2	0
99.70%	2.99	0.496	30.5	25	27.1	0	2	0
99.70%	4.06	0.582	35.8	25	31.7	0	2	1
99.70%	2.2	0.26	37.2	25	18.3	0	2	0
98.80%	1.73	0.305	31.9	25	21.3	0	1	0
99.70%	3.75	0.506	66	25	51.8	0	3	0
99.70%	5.48	0.604	83.3	25	83.3	0	6	0
99.70%	2.54	0.545	54.4	25	42.8	0	7	0
99.70%	3.23	0.546	43.9	25	43.8	0	9	0
99.70%	4.19	0.438	74.4	25	60	0	1	0
99.70%	2.86	0.508	45.4	25	42.8	0	6	0
99.70%	4.19	0.691	68.1	25	63	0	26	0
99.70%	2.5	0.419	42.3	25	23.9	0	1	0
99.70%	3.05	0.493	45	25	40	0	2	0
99.70%	5.48	0.603	78.3	25	70.9	0	3	0
99.70%	2.94	0.532	55.4	25	55.4	0	2	0
99.70%	3.47	0.523	59.9	25	51.4	0	2	0
99.70%	5.73	0.532	107	25	99.6	0	2	0
99.70%	3.97	0.59	63.3	25	63.3	0	1	0
99.70%	3.35	0.476	30.5	25	26.1	0	1	0
99.70%	2.68	0.382	15.8	25	13.9	0	1	0
99.70%	5.05	0.683	74.1	25	70.5	0	3	0
98.80%	1.83	0.394	39.7	25	33.2	0	1	0
99.70%	2.49	0.398	30.6	25	26.2	0	1	0
99.70%	4.43	0.611	48	25	48	0	6	0
99.70%	4.49	0.624	51	25	51	0	5	0
98.80%	1.88	0.405	25.5	25	13.2	0	2	0
99.70%	1.96	0.211	30.9	25	24.3	0	4	0
99.70%	4.69	0.576	53.9	25	53.9	0	1	0
99.70%	3.61	0.554	49.8	25	34.1	0	4	0
99.70%	4.59	0.498	60.1	25	60.1	0	2	0
99.70%	3.14	0.392	46.6	25	40.9	0	2	0
99.70%	4.29	0.624	46.6	27	46.6	0	0	2
99.70%	4.24	0.64	68.9	25	68.9	0	3	0
99.70%	6.56	0.667	92.3	25	92.3	0	4	0
99.70%	3.38	0.573	53.9	25	52.3	0	1	0

99.70%	3.89	0.611	49.6	25	49.6	0	1	0
99.70%	2.71	0.521	25.2	25	19.5	0	0	1
99.70%	3.56	0.594	36.5	25	36.5	0	3	0
99.70%	5.1	0.646	99.4	25	96.2	0	2	0
99.70%	4.96	0.705	41.4	27.4	38.8	0	0	2
99.70%	5.34	0.67	67.6	25	66.6	0	7	0
99.70%	4.78	0.562	91.7	25	84.9	0	3	0
99.70%	3	0.677	39.4	25	36.5	0	3	0
99.70%	3.3	0.354	48.1	25	42	0	2	0
99.70%	4.45	0.632	53.1	25	48.6	0	1	0
99.70%	4.79	0.42	62.6	25	36.5	0	1	0
99.70%	3.38	0.364	40.6	25	38	0	2	0
99.70%	3.28	0.585	56.3	25	49	0	3	0
99.70%	4.72	0.512	40.3	25	-2.51	0	2	0
99.70%	3.51	0.461	18.3	25	15.2	0	1	0
98.80%	2.17	0.539	37.6	25	35.8	0	2	0
99.70%	4.87	0.654	86.9	26.9	86.9	0	2	2
99.70%	3.8	0.525	45.7	25	38.2	0	4	0
99.70%	4.53	0.682	21.2	25	0.6	0	2	0
99.70%	2.64	0.58	32.9	25	28.2	0	3	0
99.70%	3.55	0.557	21.8	25	19	0	2	2
99.70%	5.39	0.647	77.7	25	77.7	0	2	0
99.70%	3.59	0.536	49.8	25	39.5	0	4	0
99.70%	5.38	0.63	69.7	25	66.3	0	3	0
99.70%	5.84	0.441	76.1	25	49.5	0	3	0
99.70%	1.94	0.586	25.9	25	25.9	0	1	0
99.70%	3.62	0.465	56.6	25	39.9	0	2	0
99.70%	3.72	0.574	35.6	25	0	0	1	0
99.70%	3.34	0.603	19.1	26.3	17.8	0	3	1
99.70%	3.73	0.738	41	25	41	0	4	0
99.70%	4.1	0.558	81.4	25	69.1	0	2	0
99.70%	5.89	0.677	48.3	25	48.3	0	2	4
99.70%	2.85	0.634	58.3	25	58.3	0	3	0
99.70%	4.53	0.523	45	25	0	0	3	0
99.70%	2.86	0.517	46.2	25	38	0	2	0
99.70%	4.45	0.53	61.8	25	53.2	0	1	0
99.70%	4.12	0.582	58.6	25	54	0	2	0
99.10%	2.17	0.235	11.9	25	11.9	0	1	0
99.70%	3.26	0.486	40.6	25	37.5	0	1	0
99.70%	3.83	0.405	51.8	25	23.1	0	2	0
99.70%	4.2	0.592	54.2	25	48.9	0	2	0
99.70%	3.57	0.689	25.9	25	25.9	0	0	3
99.70%	4.97	0.59	77.3	25	77.3	0	2	0
99.70%	3.28	0.355	52.7	25	43.2	0	1	0
99.70%	2.79	0.427	28.1	25	20.8	0	2	0
99.70%	3.39	0.493	26.1	27.7	26.1	0	0	1
99.70%	4.55	0.54	92.7	25	85.2	0	1	0

99.70%	3.29	0.443	21.6	25	0	0	3	0
99.70%	4.04	0.464	102	25	92.7	0	1	0
99.70%	4.11	0.685	35.1	25	-15	0	1	0
99.70%	4.8	0.492	67.3	25	60.8	0	1	0
99.70%	2.69	0.476	19	25	16.5	0	1	0
99.70%	5.18	0.714	75	25	71	0	2	0
99.70%	3.21	0.404	51.8	25	44.5	0	2	0
99.70%	3.83	0.793	85.3	25	85.3	0	5	0
99.70%	3.75	0.696	77.7	25	76.8	0	10	3
99.70%	2.2	0.442	25.3	25	25.3	0	1	0
99.70%	3.6	0.583	64.8	25	61.3	0	11	0
99.70%	4.22	0.673	59.9	25	59.9	0	2	4
99.70%	4.67	0.673	43.7	25	4	0	16	0
99.70%	4.36	0.608	72.4	25	61.7	0	9	0
98.80%	1.66	1	31.5	25	31.5	0	4	0
99.70%	6.23	0.708	84.3	25.3	84.3	0	17	2
99.70%	4.13	0.692	58.9	25.6	58.9	0	4	13
99.70%	7.18	0.742	92.8	25.1	92.8	0	59	0
99.70%	6.35	0.764	111	26	102	0	3	2
99.10%	2.29	0.367	11.7	25	11.7	0	1	0
99.70%	3.4	0.348	57.9	25	44.1	0	2	0
99.70%	2.62	0.419	30.9	25	25	0	2	0
99.70%	3.63	0.591	89.4	25	88.5	0	1	0
99.70%	2.51	0.28	45.5	25	38.7	0	2	0
99.70%	2.51	0.56	36.4	25	36.2	0	1	0
99.70%	3.72	0.401	36.4	25	31.1	0	1	0
99.70%	2.54	0.407	42.5	25	36.1	0	2	0
99.70%	3.87	0.586	55.1	25	55.1	0	1	0
99.70%	4.02	0.472	59	25	49	0	2	0
99.70%	3.76	0.499	48.7	25	32.8	0	2	0
99.70%	4.84	0.493	53.4	25	-9.37	0	1	0
99.70%	5	0.591	72.7	25	61.8	0	2	0
99.70%	5.11	0.738	71.1	25	71.1	0	2	0
99.70%	2.35	0.365	26.5	25	25.5	0	2	0
99.70%	3.3	0.241	51.3	25	31.4	0	2	0
99.70%	3.66	0.559	11.4	25.5	11.4	0	1	0
98.80%	2.33	0.467	37.4	25	30.8	0	1	0
99.70%	5.44	0.648	88.1	25.2	88.1	0	1	0
99.30%	2.15	0.451	15.8	25	12.9	0	1	0
99.70%	3.35	0.441	32.4	25	32.2	0	2	0
99.70%	4.99	0.695	88	25	88	0	1	0
99.70%	4.91	0.712	95.6	25	95.6	0	7	0
99.70%	4.69	0.572	75.5	25	67.6	0	0	1
99.70%	2.32	0.511	47.2	25	41.5	0	2	0
99.70%	3.6	0.314	55.5	25	43.8	0	2	0
99.70%	3.91	0.408	67.2	25	56	0	2	0

99.70%	2.88	0.637	46.8	25	46.8	0	2	0
97.20%	3.24	0.34	0	0	0	0	0	1
99.70%	5.92	0.744	59.4	25	59.4	0	2	0
99.70%	3.93	0.55	35.7	25	25.8	0	3	0
99.70%	5	0.516	48.8	25.1	29.8	0	4	3
99.70%	5.39	0.625	99.7	25	94	0	8	0
99.70%	5.01	0.585	34.2	25	34.2	0	2	1
99.70%	3.12	0.591	39.7	25	36.6	0	2	0
99.70%	4.74	0.617	64	25	61	0	5	0
99.70%	3.09	0.496	35.7	25	26.6	0	2	0
99.70%	3.55	0.321	57.2	25	44.8	0	2	0
99.70%	3.7	0.448	36.2	25	26.7	0	2	0
99.70%	2.98	0.49	28	25	23.7	0	2	0
99.70%	3.99	0.675	42	25.1	42	0	1	0
99.70%	4.53	0.524	53.9	25	47	0	1	0
98.80%	2.21	0.419	28.5	25	26.6	0	1	0
99.70%	2.61	0.328	28.8	25	15.9	0	4	0
99.70%	3.87	0.75	107	25	104	0	7	0
99.70%	3.5	0.722	32.2	25	30.8	0	1	4
99.70%	4.26	0.525	40.7	25	30.2	0	5	0
98.80%	2.12	0.235	25.9	25	0.9	0	2	0
99.70%	3.75	0.653	65.5	25	65.5	0	2	0
99.70%	4.47	0.543	32.6	25	32.6	0	0	4
99.70%	5.42	0.568	40	26.4	40	0	0	1
99.70%	4.51	0.675	61.2	25	59.3	0	8	0
99.70%	3.23	0.55	51.3	25	51.3	0	2	0
99.70%	3.61	0.563	37.9	25	37.9	0	1	1
99.70%	4.84	0.544	102	25	102	0	2	0
99.70%	1.59	0.338	20.4	25	17.8	0	1	0
99.70%	2.52	0.546	46	25	46	0	2	0
99.70%	3.73	0.415	50.5	25	37.8	0	2	0
99.70%	3.32	0.415	50.7	27.5	47.7	0	0	3
96.50%	0.954	-0.271	9.15	25	9.15	0	0	1
99.70%	3.37	0.326	45.5	25	38.6	0	1	0
99.70%	4.51	0.563	38.7	25	38.7	0	2	0
99.70%	4.18	0.58	44.3	25	39.4	0	4	4
99.70%	2.26	0.434	29.9	25	21	0	2	0
99.70%	2.53	0.405	28	25	10.7	0	2	0
99.70%	4.97	0.623	65.6	25	65.6	0	1	1
98.80%	1.57	0.242	19.6	25	10.2	0	1	0
99.70%	3.58	0.599	60.9	25	44.6	0	1	0
99.70%	5.17	0.562	85.7	25	84	0	6	0
99.70%	2.17	0.19	24	25	18.6	0	2	0
99.70%	3.38	0.44	35.3	25	31.8	0	1	0
99.70%	3.41	0.616	52.5	25	48.5	0	2	0
99.70%	4.86	0.697	78.6	25	78.6	0	13	0
98.80%	2	0.47	39.5	25	32.8	0	6	0

99.70%	3.16	0.543	41.1	25	33.9	0	3	0
99.70%	4.27	0.723	77.3	25	77.3	0	18	0
99.70%	4.86	0.64	63.2	25	60	0	12	0
96.20%	3.34	0.57	8.42	27.7	2.25	0	0	1
98.80%	1.89	0.431	35.5	25	27.8	0	3	0
99.70%	2.19	0.609	33.5	25	33.5	0	3	0
99.70%	2.85	0.46	25.6	25	19.4	0	9	2
99.70%	4.55	0.607	40.1	25	35.2	0	0	4
99.70%	3.03	0.506	52.3	25	44.7	0	3	0
99.70%	3.72	0.555	54	25	43.8	0	9	0
99.70%	4.31	0.583	42.9	25	42.9	0	2	0
99.70%	2.43	0.499	50.5	25	45.8	0	9	0
99.70%	5.18	0.685	34.4	28.6	34.4	0	3	6
98.20%	2.44	0.32	18.4	25	7.51	0	1	0
99.70%	3.27	0.265	43.2	25	43.2	0	1	0
99.70%	3.73	0.66	47.1	25	45.6	0	0	2
99.70%	3.04	0.576	25.2	25	17.5	0	3	1
99.70%	3.11	0.637	48.2	25	40.3	0	3	0
99.70%	4.68	0.551	89.8	25	83.4	0	4	0
99.70%	4.02	0.647	31.2	25	31.2	0	2	0
99.70%	4.88	0.64	81.7	25	76.7	0	3	0
99.70%	5.4	0.587	50.8	28.9	50.8	0	0	2
99.70%	3.79	0.538	42.7	25	42.7	0	1	0
99.70%	3.84	0.535	35	25	32.5	0	1	0
99.70%	3.41	0.579	42.6	25	42.6	0	1	0
99.70%	3.49	0.652	28.8	25.4	28.8	0	2	0
99.70%	5.63	0.629	73.8	25	72.4	0	2	0
99.70%	4.48	0.521	59.5	25	58	0	1	0
99.70%	6.3	0.617	53.6	27	53.6	0	1	4
99.70%	4.24	0.605	48.7	25.6	48.7	0	3	4
99.70%	5.82	0.71	97	25	92.4	0	5	0
99.70%	3.82	0.629	69.7	25	65.2	0	5	0
99.70%	3.14	0.414	53.2	25	35.6	0	1	0
98.80%	2.16	0.459	32.2	25	32	0	1	0
98.80%	2.21	0.193	35.3	25	22.3	0	2	0
99.70%	3.57	0.556	100	25	93.1	0	3	0
99.70%	3.15	0.266	28.5	25	11.8	0	2	0
99.60%	4.68	0.602	68.3	25	48	0	2	0
99.70%	2.64	0.389	35.8	25	28	0	1	0
99.70%	3.43	0.467	9.2	25.3	9.2	0	0	2
99.70%	2.69	0.413	20.2	25	20.2	0	1	0
99.70%	4.28	0.63	48.7	25	47.7	0	2	1
99.70%	3.77	0.694	52.9	25	52.9	0	1	0
99.70%	4.48	0.459	27.8	25	-10.4	0	0	2
99.70%	2.67	0.342	45.5	25	35.2	0	1	0
99.70%	3.36	0.298	32.3	25	25	0	1	0
99.70%	3.73	0.468	35.2	25	35.2	0	1	0

99.70%	5.02	0.535	91.2	25	88.2	0	1	0
99.70%	2.53	0.279	35.6	25	35.6	0	2	0
99.70%	6.9	0.721	89.9	25	28.5	0	2	0
99.70%	4.36	0.491	27.6	25	27.6	0	3	0
99.70%	5.44	0.712	84.1	25	84.1	0	3	0
99.70%	4.69	0.566	90.9	25	81.5	0	2	0
99.70%	3.82	0.466	26.3	25	26.3	0	1	0
99.70%	4.31	0.565	88.5	25	88.5	0	4	1
99.70%	3.81	0.638	46.9	25	46.9	0	1	0
99.70%	4.27	0.632	68.5	25	68.5	0	1	0
99.70%	3.93	0.566	26.3	25.8	26.3	0	0	1
99.70%	2.98	0.387	55.8	25	55.8	0	1	0
99.70%	3.7	0.46	23.1	25	23.1	0	1	0
99.70%	5.12	0.744	85.2	25	80.3	0	7	0
99.70%	4.19	0.569	52.9	25	47.3	0	10	0
99.70%	4.78	0.52	82.7	25	74.8	0	1	0
99.70%	3.35	0.333	26.5	25	19.4	0	3	0
99.70%	3.37	0.46	64.9	25	48.3	0	1	0
99.70%	4.44	0.634	66.8	25	21.3	0	2	0
99.70%	3.2	0.313	48.7	25	42	0	1	0
99.70%	3.21	0.675	45.3	25	45.3	0	4	0
99.70%	4.05	0.607	72.2	25	69.8	0	6	0
99.70%	3.19	0.592	26.4	25	24.4	0	5	0
99.70%	3.84	0.745	50	25	50	0	4	0
99.70%	4.32	0.677	69.7	25	69.7	0	5	0
99.70%	4.41	0.626	58.5	25	48.8	0	4	0
98.80%	1.29	1	31	25	31	0	1	0
99.70%	5.49	0.609	66.5	25	3.08	0	3	0
99.70%	7.07	0.599	68	25	68	0	1	0
99.70%	6.75	0.758	102	25.6	102	0	37	0
99.70%	6.47	0.73	65.3	26.6	64.1	0	1	0
99.70%	2.34	0.38	32.5	25	27.3	0	1	0
99.70%	4.76	0.513	62.2	25	47	0	2	0
99.70%	4.1	0.612	53.5	27.1	17.6	0	1	0
99.70%	4.97	0.685	81.3	25	81.3	0	7	0
99.70%	5.04	0.567	78.1	25	69.8	0	4	0
98.80%	2.31	0.382	14.4	25	11.7	0	1	0
99.70%	3.23	0.675	80.9	25	80.9	0	3	0
99.70%	2.7	0.398	55.8	25	47.7	0	2	0
99.70%	2.35	0.425	29	25	23.1	0	2	0
99.70%	3.82	0.634	68.1	25	63	0	2	0
99.70%	3.32	0.465	35.3	25	27.8	0	1	0
99.70%	2.51	0.358	29.2	25	29.2	0	2	0
99.70%	2.53	0.377	42	25	34.8	0	1	0
99.70%	4.1	0.514	56	25	56	0	2	0
99.70%	5.48	0.693	95.7	25	95.7	0	9	0



99.70%	5.6	0.694	55.9	27.6	49.4	0	0	1
99.70%	1.88	0.585	52.7	25	46.7	0	4	0
99.70%	3.86	0.369	62.3	25	50	0	3	0
99.70%	4.46	0.461	60.9	25	44.3	0	3	0
99.70%	2.94	0.631	32	25	32	0	2	0
99.70%	4.57	0.645	53.6	28.5	53.6	0	0	3
99.70%	4.62	0.702	33.1	25.7	31.3	0	0	7
99.70%	5.91	0.776	87.8	25	87.8	0	13	0
99.70%	4.47	0.606	74.1	25	67.6	0	8	0
99.70%	4.79	0.527	60.4	25.2	42	0	12	2
99.70%	5.58	0.743	107	25	107	0	13	0
99.70%	6.16	0.584	102	25	93.5	0	15	0
99.70%	4.51	0.709	67.2	25	67.2	0	5	5
99.70%	3.35	0.142	39.4	25	14.3	0	1	1
99.70%	5.25	0.735	91.6	25.3	91.6	0	3	0
99.70%	3.3	0.628	52.1	25	48.8	0	6	0
99.70%	5.28	0.601	80.4	25	75	0	8	0
99.70%	3.06	0.357	45.9	25	41.5	0	2	0
99.70%	2.82	0.482	36.3	25	36.3	0	2	0
99.70%	5.61	0.639	53.8	25	53.8	0	2	0
99.70%	3.23	0.565	56.9	25	56.9	0	2	0
99.70%	4.82	0.665	27.7	25	0	0	1	4
99.70%	3.21	0.476	36.7	25	36.7	0	2	0
99.70%	3.61	0.475	34.9	25	33	0	2	0
99.70%	2.99	0.28	20.6	25	11	0	1	0
99.70%	4.04	0.591	83.3	25	79.5	0	1	0
99.70%	3.4	0.603	61.5	25	61.5	0	3	0
99.70%	3.54	0.654	32.5	25	32.5	0	4	1
99.70%	3.2	0.514	43.3	25	33.9	0	3	0
99.70%	5.12	0.644	77.2	25	16.9	0	2	1
99.70%	4.96	0.634	66	25	66	0	5	0
99.70%	4.73	0.601	69.8	25	62.4	0	3	0
98.80%	1.52	1	12.2	25	12.2	0	2	0
99.70%	4.98	0.686	77.4	25	77.4	0	2	2
99.70%	6.61	0.718	105	25.5	105	0	18	0
99.70%	6.5	0.709	138	26.7	138	0	1	0
99.70%	3.69	0.366	38.2	25	0	0	1	0
99.70%	3.65	0.419	52.8	25	37.1	0	3	0
99.70%	5.89	0.58	68.9	25	67.2	0	2	0
99.70%	5.34	0.531	81	25	68.4	0	1	0
99.70%	2.37	0.361	19.4	25	13.5	0	1	0
99.70%	3.15	0.303	61	25	33	0	2	0
99.70%	3.19	0.604	35.6	25	30.1	0	3	0
99.70%	1.68	0	39.8	25	12.2	0	1	0
99.70%	2.24	0.284	30.6	25	12.2	0	3	0
98.80%	1.91	0.119	21.9	25	10.6	0	1	0
99.70%	3.58	0.524	46.3	25	0	0	2	0

99.70%	5.23	0.647	80.6	25	80.6	0	5	0
98.20%	0	0	27	25	11.9	0	1	0
99.70%	2.63	0.334	31.3	25	26.8	0	1	0
99.70%	4.01	0.628	82	25	72.2	0	3	0
99.70%	3.23	0.569	29.6	25	29.2	0	1	2
99.70%	3.26	0.506	10.5	25	4.62	0	1	0
99.70%	3.93	0.486	23	25	23	0	0	2
99.70%	4.87	0.499	41.8	25	41.8	0	0	1
99.70%	4.13	0.536	51.4	25	51.4	0	1	0
99.70%	4.91	0.699	70.7	25	70.7	0	7	0
99.70%	2.52	0.537	41.6	25	41.6	0	2	0
99.70%	3.92	0.527	42	25	35.9	0	10	0
99.70%	2.15	0.575	33.1	26.7	31.8	0	0	3
99.70%	4.43	0.484	82.9	25	73.2	0	2	0
99.70%	4.5	0.537	84.2	25	78	0	2	0
99.70%	1.96	0.391	50.1	25	34.3	0	3	0
99.70%	3.26	0.364	20.4	25	16.2	0	1	0
99.70%	2.33	0.398	24.7	25	19	0	1	0
99.70%	3.75	0.608	59.4	25	55.4	0	1	0
99.70%	2.28	0.304	36.5	25	33.3	0	2	0
99.70%	5.63	0.512	56.1	25.8	6.39	0	1	0
99.70%	3.9	0.524	58	25	58	0	3	0
98.80%	1.91	0.396	19.1	25	19.1	0	1	0
95.10%	2.42	0.21	10.6	25	5.85	0	1	0
97.60%	2.03	0.199	12.6	25	8.09	0	1	0
99.70%	5.04	0.682	86	25	82	0	5	0
98.80%	2.27	0.479	32.4	25	28.8	0	1	0
99.70%	2.7	0.467	29.4	25	24	0	2	0
99.70%	4.39	0.733	68.6	25	68.6	0	8	0
99.70%	4.84	0.653	60.2	25	57.1	0	7	0
98.80%	1.89	0.365	25.1	25	16.5	0	2	0
99.70%	2.51	0.302	46.4	25	33.8	0	2	0
99.70%	3.09	0.42	29.6	25	13.8	0	3	0
99.70%	4.85	0.573	61.5	25	55	0	2	2
99.70%	3.44	0.535	46.5	25	36.7	0	4	0
99.70%	3.65	0.492	54.4	25	45.2	0	3	0
99.70%	2.9	0.544	61.8	25	57.3	0	6	0
99.70%	4.17	0.67	25.4	27.9	25.4	0	0	3
99.70%	2.77	0.411	34.6	25	34.6	0	2	0
99.70%	5.18	0.572	49	25.2	49	0	2	0
99.70%	3.56	0.539	47.2	25	41.8	0	2	0
99.70%	3.93	0.524	68.8	25	56.8	0	1	0
99.70%	3.79	0.561	39	25	39	0	2	0
99.70%	6.14	0.583	63.9	27	60.8	0	1	4
99.70%	4.75	0.569	45.4	25.5	44.9	0	11	2
99.70%	6.82	0.695	104	25	97.6	0	18	0
99.70%	3.55	0.736	74	25	71.8	0	11	0

99.70%	4.46	0.707	59	25	59	0	1	0
98.80%	2.62	0.389	25.5	25	20.2	0	2	0
99.70%	2.38	0.378	19.1	25	19.1	0	1	0
99.70%	4.56	0.646	89.2	25	88.4	0	3	0
99.70%	3.7	0.543	55	25	55	0	2	0
99.70%	4.91	0.635	103	25	100	0	3	0
99.70%	4.85	0.661	95.8	25	95	0	1	0
99.70%	4.64	0.59	98.4	25	91.8	0	2	0
99.70%	4.44	0.631	57.3	25	57.3	0	1	0
99.70%	3.9	0.613	23.7	25	23.7	0	1	0
99.70%	3.04	0.567	26.8	25	19.4	0	1	2
99.70%	5.23	0.672	64.1	25	64.1	0	8	0
99.70%	3.74	0.607	37.2	25	36.9	0	0	2
99.70%	2.72	0.479	49.7	25	49.2	0	4	0
99.70%	4.38	0.643	76	25	76	0	2	0
99.70%	2.05	0.554	29	25	26.2	0	2	0
99.70%	2.89	0.357	57.3	25	42.3	0	1	0
99.70%	4.29	0.473	49.3	25	0	0	1	0
99.70%	4.36	0.368	32.9	25	0	0	1	0
99.70%	5.39	0.733	95.7	25	95.7	0	57	0
99.70%	5.39	0.692	80.7	27.6	73.6	0	1	36
99.70%	2.73	0.681	58.1	25	51.3	0	14	0
99.70%	3.48	0.634	71.4	25	71.4	0	1	0
99.70%	3.92	0.501	66.6	25	54	0	5	0
99.70%	4.53	0.499	59.8	25	49.8	0	23	2
99.70%	3.12	0.726	39.8	25	39.8	0	8	0
99.70%	3.67	0.57	41.6	28.9	41.6	0	0	3
99.70%	5.14	0.584	73.7	25	70.6	0	4	3
99.70%	4.24	0.772	82.4	25	82.4	0	1	0
99.70%	4.13	0.401	56.8	25	54.1	0	1	0
99.70%	6.14	0.566	98.4	25	88.5	0	2	1
99.70%	4.67	0.624	105	25	98.9	0	2	0
99.70%	4.76	0.649	64.1	25	64.1	0	2	2
99.70%	6.01	0.647	105	25.9	105	0	2	0
99.70%	3.06	0.511	50.8	25	46.1	0	2	0
99.70%	4.99	0.598	70.1	25	65.9	0	1	0
99.70%	2.22	0.285	34.7	25	20.5	0	2	0
99.70%	3.91	0.508	45.2	25	43	0	0	1
99.70%	2.41	0.224	26.7	25	26.7	0	1	0
99.70%	3.94	0.512	48.9	25	40.7	0	2	0
99.70%	5.53	0.677	96.7	25	96.7	0	7	0
99.70%	1.72	0.677	29	25	25.6	0	4	0
99.70%	3.02	0.579	39.4	25	39.4	0	4	0
99.70%	3.75	0.555	64.7	25	52.9	0	12	0
99.70%	4.46	0.502	60.4	25	50	0	2	0
99.70%	4.86	0.546	88.6	25	81.2	0	2	0

99.70%	3	0.588	45.1	25	43.9	0	7	0
99.70%	4	0.518	53.4	25	47.2	0	2	2
99.70%	5.3	0.644	68.2	25	68.2	0	4	0
99.70%	2.8	0.277	21	25	19.4	0	1	0
99.70%	5.15	0.581	67.7	25	60.4	0	2	0
99.70%	3.11	0.417	27.5	25	19	0	1	0
99.70%	2.19	0.477	19.7	25	17.2	0	2	0
99.70%	4.09	0.505	92.5	25	83.5	0	3	0
99.70%	4.29	0.541	49.1	25	49.1	0	2	0
99.70%	3.69	0.528	35.2	25	32.8	0	4	2
99.70%	2.64	0.562	48.6	25	34.8	0	4	0
99.70%	2.49	0.267	27.2	25	17	0	3	0
99.70%	4.23	0.612	81.3	25	74.6	0	3	0
98.80%	1.82	0.245	22.3	25	10.5	0	4	0
99.70%	4.06	0.6	71.2	25	0	0	6	0
99.70%	5.74	0.635	83.1	26.4	72.7	0	15	3
99.70%	2.42	0.266	30.1	25	19.1	0	2	0
98.70%	2.2	0.203	11.6	25	11.6	0	0	1
99.70%	2.87	0.462	47.5	25	44	0	2	0
99.70%	2.23	0.37	60.7	25	57.1	0	1	0
98.90%	2.2	0.223	11.4	25	11.4	0	1	0
99.70%	3.79	0.454	54.1	25	46.6	0	2	0
99.70%	2.17	0.416	30	25	19.2	0	1	0
99.70%	2.83	0.5	32	25	29.9	0	2	0
98.80%	2.2	0.559	33.5	25	27.1	0	1	0
99.70%	4.69	0.63	56.4	25	56.4	0	1	0
99.70%	4.24	0.541	69.7	25	64.5	0	4	0
98.80%	1.46	0.253	23.7	25	16.3	0	1	0
99.00%	2.2	0	16.1	25	10.1	0	1	0
99.70%	2.7	0.471	29.7	25	28	0	1	0
99.70%	1.94	0.241	28.6	25	24.5	0	2	0
99.70%	5.34	0.663	76.4	25	76.4	0	1	0
99.70%	4.28	0.542	85.5	25	78.2	0	2	0
99.70%	4.86	0.629	72.2	25	-2.34	0	2	0
98.80%	1.54	0.549	32.3	25	18.9	0	1	0
99.70%	3.8	0.559	76.9	25	76.9	0	2	0
98.80%	2.08	0.443	19.4	25	19.4	0	2	0
99.70%	3.95	0.745	85.9	25	81.3	0	3	0
99.70%	3.51	0.458	70.2	25	59	0	1	1
99.70%	4.9	0.647	79	25	73.2	0	4	0
99.70%	6.35	0.699	72.8	27.5	9.96	0	0	1
99.70%	5.6	0.771	73.4	25	73.4	0	5	0
99.70%	3.48	0.552	72.3	25	65.2	0	2	0
99.70%	4.46	0.675	64.4	25	64.4	0	2	1
99.70%	4.59	0.651	61.7	25	61.7	0	2	0
99.70%	3.37	0.377	52.4	25	49.8	0	1	0
99.70%	3.85	0.698	59.7	25	59.7	0	4	0

99.70%	4.12	0.651	50.2	25	50.2	0	4	1
99.70%	3.27	0.495	34	25	22.4	0	2	0
99.70%	4.35	0.561	76.8	25	20.2	0	1	0
99.70%	4.51	0.591	61.8	25	60.4	0	1	0
99.70%	2.96	0.483	34.7	25	25.7	0	1	0
98.80%	1.24	1	21.5	25	21.5	0	3	0
99.70%	4.41	0.717	73.9	25	73.9	0	3	2
99.70%	6.32	0.665	83.6	25.7	83.6	0	3	0
98.80%	2.09	0.117	30	25	11.6	0	1	0
99.70%	3.78	0.531	51.3	25	49.4	0	4	0
99.70%	2.93	0.448	55.9	25	47.5	0	2	0
99.70%	2.88	0.336	34.5	25	12.5	0	2	0
99.70%	3.98	0.518	58.9	25	57.4	0	2	0
99.70%	3.28	0.447	39	25	23	0	3	0
99.70%	4.98	0.533	58.1	25	55	0	1	0
99.70%	5.62	0.636	91	25	84.9	0	2	0
99.70%	2.87	0.451	25.1	25	15.7	0	1	0
99.70%	3.79	0.356	59.7	25	26.1	0	2	0
99.70%	5.87	0.699	72	25	72	0	2	0
99.70%	2.72	0.243	40.3	25	40.3	0	1	0
99.70%	3	0.317	43.2	25	29	0	1	0
99.70%	2.27	0.436	41.5	25	41.5	0	1	0
99.70%	3.67	0.514	55	25	49.8	0	2	0
99.70%	4.51	0.589	52.4	26.9	52.4	0	0	2
99.70%	3.45	0.635	31.8	25	31.8	0	3	0
99.70%	7.48	0.633	75.3	25	69.9	0	2	0
99.70%	3.23	0.56	66.4	25	58.9	0	1	0
98.80%	1.59	0.627	35.8	25	33.6	0	1	0
99.70%	3.11	0.525	51.9	25	37.4	0	2	0
99.70%	5.71	0.579	75	25.1	69.1	0	2	0
99.70%	4.36	0.641	74.2	25	74.2	0	4	0
98.80%	1.84	0.509	29.8	25	29.8	0	1	0
99.70%	4.58	0.696	52.3	25	52.3	0	2	0
99.70%	2.62	0.36	31.2	25	19	0	1	0
99.70%	4.01	0.625	78.7	25	75.5	0	2	0
99.70%	4.34	0.575	50.1	25	50.1	0	2	0
99.70%	7.01	0.646	80.8	25.7	80.8	0	1	0
99.70%	3.65	0.707	55.7	25	54.4	0	3	0
98.80%	2.27	0.433	27.4	25	16.3	0	1	0
99.70%	5	0.476	72.6	25	70.4	0	1	0
99.70%	3.7	0.448	45.3	25	40.3	0	1	0
99.70%	4.75	0.665	69.5	25	68.1	0	2	0
99.70%	4.59	0.548	69.7	25	68.3	0	2	0
98.70%	3.04	0.173	22.3	25	7.28	0	1	0
99.70%	3.32	0.556	37.8	25	31.5	0	2	0
99.70%	3.64	0.576	72	25	61.6	0	2	0

99.70%	3.93	0.297	37.6	25	30.5	0	1	0
99.70%	2.98	0.239	39.4	25	29.9	0	1	0
99.70%	5.54	0.517	68.4	25	66.4	0	1	0
98.80%	1.89	0.357	22.4	25	22.4	0	1	0
99.70%	3.83	0.744	77.9	25	77.9	0	4	0
99.70%	3.11	0.546	45.1	25	45.1	0	3	0
99.70%	4.37	0.657	27.1	25	-9.55	0	3	0
99.70%	4.72	0.712	66.9	25	66.9	0	5	0
99.70%	4.38	0.65	64.1	25	56.3	0	4	0
98.80%	1.5	1	31.3	25	31.3	0	4	0
99.70%	4.39	0.634	45.8	26.9	41.5	0	3	2
99.70%	4.48	0.55	90.3	25	90.3	0	2	0
99.70%	6.27	0.687	103	26	103	0	4	0
99.70%	4.13	0.587	54.2	25	48.2	0	2	0
99.70%	2.82	0.466	52	25	43.5	0	2	0
99.70%	4.07	0.599	42.9	25	42.9	0	1	0
99.70%	3.6	0.445	50	25	41.4	0	2	0
99.70%	4.97	0.58	49	25	49	0	1	0
99.70%	5.87	0.503	67.6	25	57.8	0	2	0
99.70%	2.96	0.247	68.1	25	34.7	0	2	0
99.70%	4.35	0.627	45.3	25	45.3	0	1	0
99.70%	3.8	0.527	51	25	49.8	0	1	0
99.70%	2.12	0.478	28.8	25	24.8	0	4	0
99.70%	5.62	0.677	78	25	78	0	5	0
99.70%	2.54	0.63	53.7	25	46.5	0	3	0
99.70%	3.6	0.404	50.2	25	34.9	0	2	0
99.70%	4.19	0.488	67	25	55.3	0	6	0
99.70%	2.48	0.663	45.1	25	45.1	0	2	0
99.70%	4.13	0.392	27.8	25	18.3	0	0	2
99.70%	4.05	0.602	41.7	25.4	41.3	0	0	3
99.70%	6.26	0.772	87.4	25	87.4	0	1	0
99.70%	4.47	0.455	34.5	25	8.63	0	4	0
99.70%	4.35	0.671	61	25	61	0	1	3
99.70%	3.16	0.596	41.2	25	37.5	0	2	0
99.70%	5.91	0.759	94.4	25	94.4	0	4	0
99.70%	5.11	0.713	57.4	25	57.4	0	5	0
99.70%	3.34	0.507	40.1	25	39.2	0	2	0
99.70%	3.36	0.641	95.1	25	83.6	0	2	0
99.70%	3.95	0.418	36.7	25	31.3	0	0	1
99.70%	5.38	0.601	64.6	28.5	0	0	0	1
98.00%	0	0	44.2	25	30.6	0	2	0
99.70%	2.44	0.407	48.4	25	36.5	0	1	0
99.70%	3.5	0.511	46.6	25	42.9	0	3	0
99.70%	5.29	0.691	31.5	25	30.6	0	0	3
99.70%	3.51	0.558	29.1	25	28.5	0	0	1
98.00%	0	0	30.4	25	14	0	1	0
99.70%	2.69	0.254	45.2	25	14.4	0	1	0

99.70%	5.15	0.537	50.7	25.1	-37.1	0	1	0
99.70%	3.23	0.515	20.3	25	20.3	0	1	0
99.70%	3.65	0.668	36.7	25	35.5	0	1	0
99.70%	1.8	0.578	44.8	25	44.8	0	1	1
99.70%	2.71	0.404	40.9	25	36.6	0	2	0
99.70%	3.22	0.477	52.4	25	51.8	0	1	0
99.70%	3.79	0.542	63.6	25	60.2	0	2	0
99.70%	3.8	0.702	30.6	25	22.9	0	0	1
99.70%	3.45	0.521	31.3	25	26.2	0	1	0
99.70%	4.35	0.589	39.8	25	39.8	0	0	1
99.70%	2.95	0.487	36.2	25	32.7	0	1	0
99.70%	3	0.452	33.4	25	33.4	0	1	0
99.70%	3.31	0.481	45.6	25	42.1	0	2	0
99.70%	3.64	0.504	33.1	25	25.1	0	2	2
99.70%	3.05	0.349	35.4	25	18.3	0	2	0
99.70%	4.71	0.636	91	25	91	0	2	0
98.80%	1.58	0.507	19.5	25	19.5	0	2	0
99.70%	2.66	0.474	29.4	25	29.4	0	2	0
99.70%	3.97	0.499	65.4	25	57.7	0	4	0
99.70%	4.84	0.522	59.9	25	0	0	1	0
99.70%	2.79	0.596	38.5	25	38.5	0	3	0
99.70%	3.15	0.481	30.3	25	28.2	0	0	2
99.70%	5.57	0.725	68	25	68	0	8	0
99.70%	4.01	0.611	18.8	25	13.7	0	0	2
99.70%	2.75	0.361	24.4	25	21.3	0	1	0
99.70%	4.27	0.599	58.1	25	52.1	0	1	0
99.70%	3.43	0.424	55.3	25	48.3	0	2	0
99.70%	2.21	0.469	30.5	25	27.3	0	3	0
99.70%	2.71	0.371	68.5	25	63.2	0	1	0
99.70%	4.15	0.466	76	25	72.8	0	1	0
99.70%	3.62	0.583	28.4	25	26.6	0	2	0
99.70%	1.97	0.382	41.4	25	29.2	0	1	0
99.70%	2.12	0.283	29.3	25	10.6	0	1	0
99.70%	3.78	0.523	57.8	25	44	0	2	0
99.70%	5.15	0.483	70.1	25	69.8	0	2	0
99.70%	2.24	0.351	29.6	25	16.6	0	2	0
99.70%	2.8	0.471	32.2	25	30.1	0	2	0
99.70%	3.93	0.654	50.8	25	47.1	0	2	0
98.80%	1.61	0.615	54	25	54	0	2	0
99.70%	2.86	0.524	57.4	25	43	0	2	0
99.70%	4.35	0.53	53.9	25	47.3	0	1	0
99.70%	4.27	0.661	82	25	82	0	8	0
98.80%	2.05	0.507	21.1	25	21.1	0	1	0
99.70%	4.31	0.604	38.8	25	0	0	1	0
95.60%	2.56	0.289	23	25	14.3	0	1	0
99.10%	2.39	0.377	23.9	25	18.7	0	2	0

99.70%	4.56	0.644	79.7	25	79.7	0	3	0
99.70%	4.39	0.572	91.5	25	83.7	0	2	0
99.70%	3.62	0.494	52.4	25	48.7	0	1	0
99.70%	3.68	0.483	41.2	25	37.4	0	2	0
99.70%	3.05	0.433	47.7	25	47.3	0	1	0
99.70%	4.9	0.685	71	25	68.6	0	2	0
98.80%	2.03	0.476	33.9	25	26.8	0	2	0
99.70%	3.91	0.64	61.9	25	61.9	0	2	0
99.70%	3.28	0.543	66.7	25	57.2	0	2	0
99.70%	4.6	0.508	53	25	26.9	0	1	0
99.70%	4.15	0.591	67.7	25	67.7	0	1	0
99.70%	3.17	0.253	40.4	25	32.6	0	2	0
99.70%	5.8	0.527	68.5	25	68.5	0	1	0
98.80%	2.08	0.379	26.2	25	25.2	0	2	0
99.70%	3.76	0.527	37.1	25	36.4	0	1	0
99.70%	4.11	0.635	62.5	25	62.5	0	2	0
99.70%	4.01	0.482	44.9	25	36.9	0	2	0
98.80%	1.67	1	22.8	25	22.8	0	2	0
99.70%	3.85	0.576	66.7	25	7.04	0	0	1
99.70%	5.7	0.66	79	25	72.4	0	3	1
99.70%	6.15	0.695	81.5	25.5	81.5	0	2	0
99.70%	6.42	0.719	91.8	26.7	91.8	0	2	0
99.70%	3.96	0.534	48.5	25	47.5	0	1	0
99.70%	4.87	0.528	44.5	25	3.55	0	1	0
99.50%	3.19	0.464	23.6	25	23.6	0	1	0
99.70%	3.84	0.402	68.6	25	58.8	0	2	0
99.70%	2.69	0.431	28.2	25	28.2	0	1	0
99.70%	3.02	0.684	17.1	25	17.1	0	2	0
99.70%	4.31	0.493	59.7	25	58.8	0	1	0
99.70%	1.92	0.423	28.5	25	28.2	0	2	0
99.70%	5.51	0.706	95.4	25	95.4	0	4	0
99.70%	1.75	0.45	49.6	25	42.3	0	1	0
99.70%	4.35	0.64	28.9	25.9	28.8	0	0	1
99.70%	5.4	0.615	60.6	25	60.6	0	1	0
99.70%	3.98	0.523	98.2	25	90.7	0	2	0
99.70%	4.97	0.684	46.6	25	46.6	0	0	2
99.70%	5.4	0.748	75.6	25	75.6	0	2	0
99.70%	3.23	0.607	48.4	25	48.4	0	2	0
99.70%	6.8	0.56	90.3	25	88.9	0	2	0
99.70%	2.69	0.533	53.7	25	48.8	0	1	0
99.70%	0	0	43.2	25	18.5	0	1	0
98.90%	0	0	35.4	25	19.6	0	1	0
99.70%	4.56	0.528	82.8	25	71.1	0	1	0
96.10%	3.09	0.305	22.3	25	18	0	1	0
99.70%	3.96	0.584	65.6	25	61	0	2	0
99.70%	3.11	0.53	36.5	25	36.5	0	2	0
99.70%	2.76	0.363	40.5	25	40	0	1	0



99.70%	3.07	0.313	36.5	25	23.3	0	1	0
99.70%	4.22	0.643	70.7	25	70	0	2	0
98.50%	3.07	0.36	20.6	25	10.1	0	1	0
99.70%	2.9	0.451	31.5	25	30.2	0	2	0
99.60%	3.16	0.545	24.5	25	24.5	0	1	0
99.70%	2.25	0.173	43.2	25	14.3	0	1	0
99.70%	2.2	0.218	40.2	25	21.4	0	1	0
99.70%	6.12	0.489	85	25	75.8	0	3	0
99.70%	4.63	0.612	55.7	25	48.9	0	1	0
98.80%	1.53	0.249	40.4	25	27.2	0	1	0
99.70%	3.22	0.544	53.8	25	44.5	0	3	0
99.70%	4.39	0.486	60.6	25	60.6	0	2	0
99.70%	6.24	0.705	93.4	25	89.2	0	3	0
98.80%	1.48	0.565	30	25	30	0	1	0
99.70%	2.19	0.375	39.7	25	26.5	0	3	0
99.70%	5.66	0.52	48.5	25.1	35	0	1	0
96.90%	2.01	0.306	14	25	10.8	0	2	0
99.70%	3.09	0.4	57.3	25	54.5	0	1	0
99.70%	3.71	0.526	44.5	25	36.8	0	1	0
99.70%	3.73	0.465	55.6	25	50.2	0	4	0
99.70%	5.88	0.559	85.8	25	79.7	0	3	0
99.70%	5.35	0.638	66.1	25	66.1	0	3	0
99.70%	4.35	0.712	84.3	25	84.3	0	1	0
99.70%	5.09	0.704	95.9	25	95.9	0	5	0
99.70%	2.66	0.534	50.6	25	38.7	0	7	0
99.70%	3.78	0.415	52.5	25	42	0	3	0
99.70%	4.03	0.332	53.2	25	38	0	2	0
98.80%	1.32	1	25.7	25	25.7	0	1	0
99.70%	5.92	0.635	57.2	25.1	57.2	0	2	0
99.70%	6.33	0.741	130	26	130	0	2	0
99.70%	2.91	0.322	43.4	25	27.3	0	1	0
99.70%	3.58	0.482	40.3	25	28.7	0	2	0
96.90%	3.39	0.353	43.3	25	9.24	0	1	0
99.70%	3.99	0.475	45.4	25	42.3	0	2	0



Number of identified +4H spectra	Number of enzymatic termini	Calculated +1H Peptide Mass (AMU)	Peptide start index	Peptide stop index	Assigned	Other Proteins			
0	2	1,030.53	1,321.98		282017	204	213	Orange	
0	2	1,437.69	1,433.08		227132	191	203	Orange	
0	2	793.4203	1,306.74		170486	174	180	Orange	
0	2	1,522.72	1,715.97		75,770.40	109	121	Orange	
0	2	1,055.50	1,115.30		91,128.00	32	41	Orange	
0	2	2,205.10	1,570.27		154533	13	34	Orange	
0	2	2,170.14	1,935.53		43,722.70	45	64	Orange	
0	2	1,808.95	1,484.60		54,599.10	308	325	Orange	
0	2	1,724.90	1,452.99		184074	117	132	Orange	
0	2	1,559.64	1,126.06		215634	293	307	Orange	
0	2	1,923.92	1,607.99		51,412.60	224	241	Orange	
0	2	1,646.79	1,404.01		32,300.90	608	623	Orange	
0	2	1,285.66	1,163.69		113970	624	635	Orange	
0	2	1,532.76	1,337.49		125881	337	351	Orange	
0	2	1,733.89	1,768.48		66,111.50	78	94	Orange	
0	2	1,816.93	1,320.37		26,790.10	299	316	Orange	
0	2	1,242.64	1,340.84		89,783.10	175	185	Orange	
0	2	1,316.66	1,408.66		2434090	150	162	Orange	
0	2	1,389.74	1,406.38		1632090	226	239	Orange	
0	2	1,139.59	1,354.61		737199	311	320	Orange	
0	2	2,620.37	1,868.10		1201290	272	297	Orange	
0	2	1,080.59	1,477.10		661335	399	407	Orange	
0	2	1,301.72	1,101.90		710287	168	178	Orange	
0	2	1,658.92	1,371.55		43,186.30	224	239	Orange	
0	2	3,028.64	1,627.69		41,131.30	84	111	Orange	
0	2	1,526.66	1,195.57		6547390	136	149	Orange	
0	2	1,394.68	1,269.18		1399810	298	310	Orange	
0	2	2,499.25	1,602.02		670887	298	320	Orange	
0	2	823.5765	1,558.22		1405070	77	83	Orange	
0	2	979.6776	1,392.58		562680	77	84	Orange	
0	2	2,178.07	1,527.08		965271	112	132	Orange	
0	2	2,155.15	1,699.39		7568560	240	260	Orange	
0	2	2,036.97	1,614.07		174278	321	338	Orange	
0	2	2,403.10	1,555.18		938689	377	398	Orange	
0	2	1,273.63	1,156.72		70,166.10	416	427	Orange	
0	2	2,108.06	1,613.10		69,558.10	301	320	Orange	

0	2	1,173.60	1,417.71		147605	279	288	Orange
0	2	2,073.98	1,358.64		12,734.80	260	278	Orange
0	2	1,457.71	1,434.16		181315	441	453	Orange
0	2	1,154.58	1,085.32		196251	727	736	Orange
0	2	1,367.69	1,183.90		190826	727	738	Orange
0	2	1,443.73	1,280.35		275026	428	440	Orange
0	2	1,493.71	1,615.24		86,424.00	461	472	Orange
0	2	2,122.09	1,572.25		61,432.50	106	126	Orange
0	2	1,970.01	1,195.95		66,136.60	640	659	Orange
0	2	1,273.74	1,371.34		101685	45	55	Orange
0	2	858.5044	1,116.00		279833	127	134	Orange
0	2	1,177.53	1,147.29		93,744.00	540	549	Orange
0	2	1,463.74	1,633.99		96,540.10	574	586	Orange
0	2	1,615.77	1,448.38		83,704.50	292	305	Orange
0	2	1,611.71	1,211.09		38,139.80	104	117	Orange
0	2	1,683.71	1,129.58		26,741.20	368	381	Orange
0	2	1,250.60	1,342.99		140172	221	231	Orange
0	2	2,259.98	1,565.42		22,783.00	520	539	Orange
0	2	1,290.71	1,366.83		76,569.90	130	141	Orange
0	2	913.405	1,110.12		114537	403	409	Orange
0	2	1,144.58	1,526.27		159908	173	181	Orange
0	2	1,129.52	1,354.36		199919	32	40	Orange
0	2	1,571.77	1,496.84		143500	282	295	Orange
0	2	1,826.93	1,639.01		173229	142	158	Orange
0	2	1,372.77	1,582.80		254557	98	109	Orange
0	2	1,859.01	1,502.90		301525	93	109	Orange
0	2	1,762.86	1,493.15		480218	157	173	Orange
0	2	1,953.94	1,827.49		248279	52	68	Orange
0	2	1,737.85	1,720.65		108046	6	21	Orange
0	2	2,315.24	1,862.09		76,993.50	127	150	Orange
0	2	970.5681	1,276.77		318225	100	107	Orange
0	2	2,597.25	1,703.99		20,000.80	303	326	Orange
0	2	1,506.71	1,311.76		128584	245	258	Orange
0	2	2,273.18	1,649.99		438826	284	302	Orange
0	2	2,693.40	1,870.73		78,636.00	259	283	Orange
0	2	1,252.68	1,639.18		116257	371	381	Orange
0	2	1,862.89	1,503.92		67,869.50	99	116	Orange
0	2	1,635.73	1,135.18		116735	915	929	Orange
0	2	1,532.77	1,452.00		56,055.50	335	347	Orange
0	2	1,499.77	1,319.27		97,474.80	491	505	Orange
0	2	1,094.51	1,372.29		223254	86	94	Orange
0	2	1,250.61	1,318.79		79,971.00	86	95	Orange
0	2	2,879.34	1,586.23		124163	466	490	Orange
0	2	2,195.11	1,744.13		27,775.60	433	452	Orange
0	2	908.4584	1,226.07		182670	132	139	Orange
0	2	1,734.77	1,437.86		45,172.60	261	274	Orange
0	2	1,673.78	1,616.48		57,319.40	1032	1045	Orange

0	2	1,777.80	1,474.42		100575	476	490	Orange
0	2	2,369.20	1,650.12		104563	379	401	Orange
0	2	787.4673	1,091.33		293340	618	625	Orange
0	2	1,049.59	1,587.95		1338750	402	410	Orange
0	2	1,711.85	1,564.03		1963200	602	617	Orange
0	2	1,798.92	1,641.70		435986	384	401	Orange
0	2	807.4247	1,164.47		430914	362	368	Orange
0	2	1,884.93	1,326.68		4110460	362	378	Orange
0	2	1,319.68	1,205.72		938252	21	33	Orange
0	2	1,086.51	1,334.25		523336	1525	1533	Orange
0	2	1,096.53	1,101.26		488546	369	378	Orange
0	2	1,583.77	1,353.26		36,611.20	140	154	Orange
0	2	1,484.76	1,491.92		132674	11	22	Orange
0	2	1,393.66	1,095.05		177110	67	79	Orange
0	2	1,059.47	1,316.12		103128	1685	1693	Orange
0	2	1,165.63	1,491.75		268351	1045	1054	Orange
0	2	1,190.62	1,459.12		106625	280	290	Orange
0	2	1,260.69	1,596.41		97,149.60	98	107	Orange
0	2	1,141.59	1,500.71		137232	855	864	Orange
0	2	1,531.79	1,485.04		99,621.60	291	304	Orange
0	2	2,482.22	1,549.61		74,457.00	767	790	Orange
0	2	1,360.70	1,323.27		366754	684	696	Orange
0	2	1,838.85	1,350.91		58,890.50	668	683	Orange
0	2	1,738.80	1,433.57		114378	2791	2805	Orange
0	2	1,093.53	1,216.45		118495	2318	2326	Orange
0	2	1,464.68	1,402.03		71,189.50	108	119	Orange
0	2	1,371.67	1,253.96		74,146.10	2663	2673	Orange
0	2	1,420.70	1,437.68		159950	2180	2191	Orange
0	2	1,572.90	1,757.28		73,294.40	791	804	Orange
0	2	1,322.56	1,289.03		177281	115	124	Orange
0	2	1,018.57	1,357.19		161846	18	27	Orange
0	2	2,597.25	1,690.30		236218	303	326	Empty
1	2	2,408.09	1,212.74		258167	236	258	Empty
0	2	1,506.71	1,320.97		543743	245	258	Empty
0	2	1,533.75	1,520.40		177750	290	302	Empty
0	2	2,691.44	1,893.83		344127	259	283	Empty
0	2	1,252.68	1,632.63		120198	371	381	Empty
0	2	1,861.91	1,534.23		240669	99	116	Empty
0	2	1,092.58	1,650.82		268562	224	232	Empty
0	2	1,560.75	1,353.99		117991	330	342	Empty
0	2	1,204.59	1,001.76		31,009.20	551	562	Orange
0	2	1,607.77	1,323.89		95,059.70	79	93	Orange
0	2	787.4673	1,103.03		192317	618	625	Empty
0	2	1,049.59	1,577.81		462019	402	410	Empty
0	2	1,711.85	1,581.45		936274	602	617	Empty
0	2	1,798.92	1,676.54		324754	384	401	Empty

0	2	807.4247	1,135.54		188991	362	368	Empty
0	2	1,884.93	1,317.38		39,891.40	362	378	Empty
0	2	1,319.68	1,190.03		597914	21	33	Empty
0	2	1,086.51	1,322.05		221326	1525	1533	Empty
0	2	1,096.53	1,109.69		1421950	369	378	Empty
0	2	1,073.60	1,418.83		307603	233	242	Empty
0	2	1,970.91	1,611.39		39,055.30	772	790	Empty
0	2	1,190.62	1,459.13		173221	280	290	Empty
0	2	1,260.69	1,593.31		126791	98	107	Empty
0	2	1,141.59	1,507.60		154259	855	864	Empty
0	2	1,531.79	1,480.56		109489	291	304	Empty
0	2	1,983.95	1,732.10		125371	568	585	Empty
0	2	1,099.54	1,325.74		202778	410	418	Empty
0	2	2,249.10	1,683.96		45,674.70	389	409	Empty
0	2	1,738.80	1,444.29		50,286.20	2791	2805	Empty
0	2	1,464.68	1,403.40		72,851.50	108	119	Empty
0	2	1,474.72	1,433.34		155023	504	515	Empty
0	2	1,473.70	1,130.68		109420	160	173	Empty
0	2	1,417.66	1,388.68		185847	178	189	Empty
0	2	1,393.66	1,132.33		398636	67	79	Empty
0	2	2,601.29	1,380.33		123682	91	114	Empty
0	2	1,325.52	1,162.12		174432	371	381	Empty
0	2	1,177.53	1,140.77		233823	540	549	Empty
0	2	1,454.59	1,444.83		239209	550	561	Empty
0	2	1,173.65	1,266.67		175064	169	179	Empty
0	2	1,930.04	1,686.23		57,717.50	464	480	Empty
0	2	1,133.52	1,335.20		430013	410	418	Empty
0	2	1,463.74	1,628.46		148124	574	586	Empty
0	2	2,393.17	1,958.49		27,316.50	382	402	Empty
0	2	1,615.77	1,482.28		212696	292	305	Empty
0	2	1,611.71	1,216.66		394591	104	117	Empty
0	2	1,483.79	1,447.10		123610	452	463	Empty
0	2	1,684.69	1,109.27		90,824.10	368	381	Empty
0	2	1,250.60	1,331.51		530602	221	231	Empty
0	2	2,258.99	1,561.22		18,313.70	520	539	Empty
0	2	913.405	1,104.74		742889	403	409	Empty
0	2	1,826.93	1,648.11		940252	142	158	Empty
0	2	1,155.64	1,300.11		880185	197	209	Empty
0	2	1,372.77	1,582.98		225820	98	109	Empty
0	2	999.4311	1,091.07		414926	41	49	Empty
0	2	2,437.20	1,540.86		93,875.10	151	173	Empty
0	2	1,819.03	1,608.72		54,854.50	108	126	Empty
0	2	1,762.86	1,496.38		1049360	157	173	Empty
0	2	1,953.94	1,827.50		600924	52	68	Empty
0	2	1,737.85	1,723.17		179845	6	21	Empty
0	2	2,316.22	1,873.16		186492	127	150	Empty
0	2	970.5681	1,294.09		558835	100	107	Empty

0	2	1,348.72	1,464.71		392356	39	51	Empty
0	2	1,897.86	1,496.65		39,510.20	311	326	Orange
0	2	1,144.58	1,525.82		174069	173	181	Orange
0	2	1,466.80	1,661.19		164078	147	159	Orange
0	2	1,788.90	1,553.25		57,097.10	20	35	Orange
0	2	1,145.60	1,280.96		156775	36	46	Orange
0	2	1,532.76	1,349.14		261540	337	351	Empty
0	2	1,191.60	1,226.23		329414	130	140	Empty
0	2	1,732.91	1,760.84		118384	78	94	Empty
0	2	1,673.80	1,430.47		92,944.10	317	331	Empty
0	2	1,242.64	1,343.91		139859	175	185	Empty
0	2	1,316.66	1,401.55		9263260	150	162	Empty
0	2	1,389.74	1,414.74		6243710	226	239	Empty
0	2	1,139.59	1,366.45		1690160	311	320	Empty
0	2	2,620.37	1,871.50		439527	272	297	Empty
0	2	1,301.72	1,125.17		1015240	168	178	Empty
0	2	1,658.92	1,386.36		106660	224	239	Empty
0	2	1,524.69	1,232.55		1.49E+12	136	149	Empty
0	2	1,394.68	1,266.37		8333380	298	310	Empty
0	2	823.5765	1,554.21		2349970	77	83	Empty
0	2	2,178.07	1,568.57		3216780	112	132	Empty
0	2	2,155.15	1,722.97		5014000	240	260	Empty
0	2	2,036.97	1,755.67		946053	321	338	Empty
0	2	2,403.10	1,560.15		2213410	377	398	Empty
0	2	1,273.63	1,150.11		1051690	416	427	Empty
0	2	1,494.77	1,825.06		168323	506	519	Empty
0	2	2,108.06	1,625.37		623058	301	320	Empty
0	2	1,094.57	1,519.91		433933	607	616	Empty
0	2	934.4379	1,152.14		343836	80	90	Empty
0	2	1,395.67	1,379.57		138830	80	94	Empty
0	2	1,787.86	1,636.95		97,693.30	187	204	Empty
0	2	2,759.27	1,135.25		1053550	678	702	Empty
0	2	1,349.69	1,579.17		194722	594	605	Empty
0	2	1,776.81	1,402.07		126471	626	639	Empty
0	2	1,222.67	1,425.77		152162	606	616	Empty
0	2	2,011.93	1,744.00		36,906.60	557	574	Empty
0	2	1,457.71	1,457.72		811095	441	453	Empty
0	2	2,197.93	1,514.68		55,409.90	205	225	Empty
0	2	1,154.58	1,111.18		1807900	727	736	Empty
0	2	1,443.73	1,280.19		872851	428	440	Empty
0	2	1,485.67	1,515.29		414654	488	500	Empty
0	2	902.4942	1,363.78		1094710	293	300	Empty
0	2	1,547.72	1,590.99		318523	334	347	Empty
0	2	1,493.71	1,620.67		594633	461	472	Empty
0	2	2,123.07	1,590.74		261854	106	126	Empty
0	2	901.5102	1,094.56		376199	391	398	Empty
0	2	1,970.01	1,208.15		667503	640	659	Empty

0	2	858.5044	1,109.72		830157	127	134	Empty
0	2	952.4735	1,281.72		366682	480	487	Empty
0	2	1,583.77	1,355.93		287769	140	154	Orange
0	2	1,433.64	1,178.35		264643	25	36	Orange
0	2	1,302.61	1,202.02		1016040	70	81	Orange
0	2	1,034.57	1,105.20		343652	100	108	Orange
0	2	1,280.70	1,420.28		232972	82	93	Orange
0	2	2,071.04	1,698.12		28,644.00	49	67	Orange
0	2	966.4562	1,064.38		505676	98	106	Orange
0	2	1,322.56	1,286.29		263409	115	124	Orange
0	2	1,018.57	1,360.88		302028	18	27	Orange
0	2	1,399.70	1,681.08		145029	87	97	Orange
0	2	1,437.69	1,435.21		532039	191	203	Empty
0	2	1,010.46	1,409.56		246159	49	56	Empty
0	2	1,578.71	1,591.20		190662	57	69	Empty
0	2	1,166.56	1,315.89		142695	48	56	Empty
0	2	1,055.50	1,119.32		463961	32	41	Empty
0	2	1,769.86	1,429.09		33,804.60	32	47	Empty
0	2	1,318.74	1,451.15		963277	20	31	Empty
0	2	2,205.10	1,565.93		130202	13	34	Orange
0	2	2,170.14	1,970.76		8,680.56	45	64	Orange
0	2	1,962.97	1,641.45		69,282.40	15	34	Orange
0	2	1,303.76	1,541.99		158971	116	127	Orange
0	2	3,202.54	1,527.09		26,401.90	155	185	Orange
0	2	1,420.80	1,660.52		301225	97	108	Orange
0	2	2,648.38	1,675.17		57,288.30	186	210	Orange
0	2	2,123.97	1,535.89		38,240.50	504	521	Empty
0	2	1,850.99	1,741.00		333157	15	31	Empty
0	2	1,222.64	1,477.73		878677	250	261	Empty
0	2	1,808.95	1,487.59		177899	308	325	Empty
0	2	2,320.25	2,019.66		20,415.90	270	291	Empty
0	2	1,543.64	1,104.99		454996	293	307	Empty
0	2	1,923.92	1,605.60		156620	224	241	Empty
0	2	1,515.70	1,308.67		134370	170	182	Empty
0	2	2,265.00	1,732.44		22,143.60	443	461	Empty
0	2	1,646.79	1,406.04		175450	608	623	Empty
0	2	1,628.73	1,296.20		104452	781	794	Empty
0	2	1,341.70	1,174.72		98,654.50	462	473	Empty
0	2	1,172.68	1,521.78		232046	403	412	Empty
0	2	1,191.59	1,110.89		200821	66	76	Empty
0	2	1,544.76	1,069.60		253029	355	370	Empty
0	2	1,912.92	1,173.94		309256	779	794	Empty
0	2	1,185.59	1,327.78		637463	315	324	Empty
0	2	1,285.66	1,175.25		556908	624	635	Empty
0	2	810.4355	1,211.45		279303	166	172	Empty
0	2	966.5044	1,464.95		686596	413	420	Empty
0	2	2,126.94	1,320.50		15,891.00	228	247	Orange



0	2	1,239.73	1,231.46		329438	216	227	Orange
0	2	1,635.73	1,135.94		31,811.70	915	929	Empty
0	2	1,499.77	1,330.78		64,973.80	491	505	Empty
0	2	1,119.57	1,391.36		274144	466	475	Empty
0	2	1,777.80	1,482.44		65,773.70	476	490	Empty
0	2	1,826.93	1,643.41		551813	142	158	Orange
0	2	1,155.64	1,327.49		337717	197	209	Orange
0	2	1,283.73	1,214.31		117002	196	209	Orange
0	2	1,372.77	1,580.85		181295	98	109	Orange
0	2	1,819.03	1,610.83		101672	108	126	Orange
0	2	1,762.86	1,513.99		330724	157	173	Orange
0	2	1,953.94	1,837.42		826395	52	68	Orange
0	2	1,738.83	1,741.49		222561	6	21	Orange
0	2	2,315.24	1,892.38		85,250.50	127	150	Orange
0	2	1,126.67	1,241.67		88,645.40	99	107	Orange
0	2	970.5681	1,273.88		227477	100	107	Orange
0	2	2,517.21	1,719.11		85,840.90	41	62	Orange
0	2	821.4153	1,458.74		222594	160	166	Orange
0	2	1,144.58	1,551.81		394164	173	181	Orange
0	2	3,699.75	1,730.33		47,808.20	251	281	Orange
0	2	1,482.80	1,648.43		500096	147	159	Orange
0	2	2,173.07	1,625.79		146834	482	500	Orange
0	2	1,075.64	1,571.86		849768	302	310	Orange
0	2	2,548.33	1,692.86		36,054.10	97	119	Orange
0	2	1,129.52	1,353.52		502717	32	40	Orange
0	2	1,629.93	1,488.82		104998	501	514	Orange
0	2	1,571.77	1,491.50		602296	282	295	Orange
0	2	1,325.52	1,154.75		387302	371	381	Orange
0	2	1,177.53	1,138.65		640779	540	549	Orange
0	2	760.42	1,224.69		302912	173	179	Orange
0	2	1,454.59	1,440.38		487909	550	561	Orange
0	2	2,242.02	1,510.57		23,816.10	425	444	Orange
0	2	1,173.65	1,263.30		346909	169	179	Orange
0	2	2,452.01	1,566.11		12,136.60	347	367	Orange
0	2	871.5361	1,410.15		1052020	322	329	Orange
0	2	1,133.52	1,366.70		691802	410	418	Orange
0	2	1,492.81	1,627.44		977696	91	103	Orange
0	2	1,463.74	1,631.68		843324	574	586	Orange
0	2	2,392.19	1,969.75		151613	382	402	Orange
0	2	1,615.77	1,466.32		991501	292	305	Orange
0	2	1,611.71	1,232.75		765432	104	117	Orange
0	2	1,483.79	1,427.79		373616	452	463	Orange
0	2	1,683.71	1,148.27		102915	368	381	Orange
0	2	989.5627	1,073.16		143259	306	314	Orange
0	2	1,250.60	1,334.95		1716500	221	231	Orange
0	2	1,833.92	1,585.08		1542950	152	167	Orange

0	2	767.5027	1,280.10		1173530	80	86	Orange
0	2	2,258.99	1,572.80		296953	520	539	Orange
0	2	845.4403	1,238.38		300980	315	321	Orange
0	2	1,024.57	1,257.17		1010760	143	151	Orange
0	2	1,290.71	1,362.86		161814	130	141	Orange
0	2	913.405	1,117.00		338648	403	409	Orange
0	2	1,350.61	1,062.75		73,539.10	169	181	Orange
0	2	1,190.64	1,477.79		132398	41	51	Orange
0	2	1,649.84	1,469.85		87,899.60	52	68	Orange
0	2	1,291.63	1,492.35		243918	491	501	Orange
0	2	1,386.63	1,292.15		65,993.20	300	311	Orange
0	2	1,433.64	1,173.79		287764	25	36	Orange
0	2	1,484.76	1,480.87		143292	11	22	Orange
0	2	877.4667	1,259.70		192000	133	139	Orange
0	2	1,473.70	1,141.90		64,571.60	160	173	Orange
0	2	1,377.67	1,170.64		84,320.00	67	79	Orange
0	2	1,034.57	1,111.57		79,799.90	100	108	Orange
0	2	1,280.70	1,420.21		287696	82	93	Orange
0	2	918.4614	1,422.80		434729	107	113	Orange
0	2	950.4612	1,156.02		247019	98	106	Orange
0	2	1,322.56	1,286.79		271260	115	124	Orange
0	2	1,450.66	1,221.31		300875	114	124	Orange
0	2	1,018.57	1,382.39		835924	18	27	Orange
0	2	1,399.70	1,668.50		304780	87	97	Orange
0	2	1,400.69	1,248.57		96,588.30	28	39	Orange
0	2	1,776.84	1,689.72		841798	54	69	Orange
0	2	1,932.95	1,598.47		341791	54	70	Orange
0	2	2,758.38	1,578.25		80,539.20	144	169	Orange
0	2	2,507.27	1,729.28		143089	473	497	Orange
0	2	2,123.97	1,552.91		634182	504	521	Orange
0	2	1,850.99	1,740.24		1191840	15	31	Orange
0	2	2,248.22	1,653.25		301554	15	35	Orange
0	2	1,219.62	1,468.25		779934	133	143	Orange
0	2	1,222.64	1,475.96		938483	250	261	Orange
1	2	3,314.70	1,712.22		536262	191	223	Orange
0	2	832.5039	1,383.74		550792	183	190	Orange
0	2	1,808.95	1,493.62		1108240	308	325	Orange
0	2	1,724.90	1,448.99		850692	117	132	Orange
0	2	1,699.75	1,077.82		197989	292	307	Orange
0	2	2,320.25	2,041.48		240302	270	291	Orange
0	2	2,476.35	1,930.74		52,863.90	270	292	Orange
0	2	895.4631	1,180.15		587613	262	269	Orange
0	2	1,559.64	1,129.08		1152520	293	307	Orange
0	2	1,923.92	1,596.81		299363	224	241	Orange
0	2	2,920.49	1,828.34		108774	527	553	Orange
0	2	1,515.70	1,296.38		571364	170	182	Orange
0	2	2,329.18	1,672.29		215505	170	190	Orange

0	2	1,437.69	1,404.89		493938	191	203	Empty
0	2	793.4203	1,304.69		411153	174	180	Empty
0	2	1,010.46	1,409.59		188454	49	56	Empty
0	2	1,594.71	1,552.99		255403	57	69	Empty
0	2	1,166.56	1,305.90		106970	48	56	Empty
0	2	1,318.74	1,438.49		227043	20	31	Empty
0	2	2,204.12	1,569.32		97,565.80	13	34	Orange
0	2	2,170.14	1,954.71		32,563.60	45	64	Orange
0	2	1,303.76	1,543.79		313877	116	127	Orange
0	2	1,420.80	1,660.23		194852	97	108	Orange
0	2	1,429.74	1,402.58		91,625.00	309	320	Orange
0	2	1,455.85	1,467.98		181673	217	229	Orange
0	2	1,932.93	1,468.97		35,813.70	335	351	Orange
0	2	953.5091	1,441.61		115426	22	29	Orange
0	2	1,544.76	1,075.59		44,510.40	355	370	Orange
0	2	1,285.66	1,164.03		143267	624	635	Orange
0	2	2,597.25	1,723.86		392020	303	326	Orange
0	2	1,506.71	1,326.45		259714	245	258	Orange
0	2	2,989.56	1,789.54		75,404.80	73	98	Orange
0	2	1,533.75	1,550.97		709214	290	302	Orange
0	2	2,691.44	1,902.21		453040	259	283	Orange
0	2	1,252.68	1,666.73		210532	371	381	Orange
0	2	1,861.91	1,493.29		187882	99	116	Orange
0	2	1,092.58	1,644.54		391949	224	232	Orange
0	2	1,111.56	1,177.31		81,202.70	362	371	Orange
0	2	1,049.59	1,565.53		167832	402	410	Orange
0	2	1,798.92	1,680.62		353804	384	401	Orange
0	2	807.4247	1,143.97		161637	362	368	Orange
0	2	1,319.68	1,211.04		394193	21	33	Orange
0	2	1,096.53	1,101.83		250211	369	378	Orange
0	2	1,073.60	1,424.75		111947	233	242	Orange
0	2	2,127.92	1,319.13		11,522.00	228	247	Orange
0	2	1,239.73	1,244.28		203724	216	227	Orange
0	2	1,199.67	1,623.31		151466	150	159	Orange
0	2	1,531.77	1,344.12		137739	337	351	Orange
0	2	1,191.60	1,268.09		283624	130	140	Orange
0	2	1,733.89	1,761.76		148807	78	94	Orange
0	2	1,673.80	1,422.12		52,548.10	317	331	Orange
0	2	1,816.93	1,320.23		90,396.40	299	316	Orange
0	2	1,242.64	1,334.54		167687	175	185	Orange
0	2	1,316.66	1,411.82		7174960	150	162	Orange
0	2	1,389.74	1,413.41		4831310	226	239	Orange
0	2	1,139.59	1,415.89		2502830	311	320	Orange
0	2	2,622.34	1,857.21		395609	272	297	Orange
0	2	1,301.72	1,099.26		51,174.70	168	178	Orange
0	2	1,524.69	1,192.99		8018880	136	149	Orange
0	2	1,394.68	1,276.00		4449770	298	310	Orange

0	2	823.5765	1,525.39		1898930	77	83	Orange
0	2	2,178.07	1,531.34		2804790	112	132	Orange
0	2	2,155.15	1,761.07		909689	240	260	Orange
0	2	2,036.97	1,866.30		1069310	321	338	Orange
0	2	2,403.10	1,558.07		2422120	377	398	Orange
0	2	2,108.06	1,615.40		56,371.70	301	320	Orange
0	2	2,074.96	1,374.18		15,623.00	260	278	Orange
0	2	1,457.71	1,429.56		347156	441	453	Orange
0	2	1,154.58	1,084.69		225208	727	736	Orange
0	2	1,443.73	1,238.74		229900	428	440	Orange
0	2	902.4942	1,367.49		145292	293	300	Orange
0	2	1,493.71	1,621.24		224008	461	472	Orange
0	2	1,970.01	1,210.74		69,185.90	640	659	Orange
0	2	858.5044	1,116.66		88,777.10	127	134	Orange
0	2	1,533.75	1,518.09		1301400	290	302	Orange
0	2	2,691.44	1,872.07		147343	259	283	Orange
0	2	1,252.68	1,631.83		152828	371	381	Orange
0	2	1,861.91	1,504.42		166958	99	116	Orange
0	2	1,092.58	1,641.74		955194	224	232	Orange
0	2	1,560.75	1,355.31		73,427.50	330	342	Orange
0	2	967.4733	1,102.47		35,618.30	161	168	Orange
0	2	1,583.77	1,346.29		91,553.30	140	154	Orange
0	2	1,484.76	1,479.31		303426	11	22	Orange
0	2	2,437.20	1,538.76		170290	151	173	Orange
0	2	1,762.86	1,483.52		569202	157	173	Orange
0	2	1,953.94	1,812.50		517304	52	68	Orange
0	2	1,737.85	1,726.70		284110	6	21	Orange
0	2	1,611.94	1,610.98		189207	22	38	Orange
0	2	2,315.24	1,848.95		111382	127	150	Orange
0	2	970.5681	1,294.38		708916	100	107	Orange
0	2	1,348.72	1,466.94		531680	39	51	Orange
0	2	1,826.93	1,666.05		444492	142	158	Orange
0	2	3,137.60	1,721.48		130673	110	141	Orange
0	2	1,155.64	1,309.12		337323	197	209	Orange
0	2	1,283.73	1,211.95		114327	196	209	Orange
0	2	1,372.77	1,576.15		367506	98	109	Orange
0	2	999.4311	1,092.57		37,797.40	41	49	Orange
0	2	3,248.64	1,692.30		368433	165	195	Orange
0	2	1,897.86	1,506.08		52,678.70	311	326	Orange
0	2	1,144.58	1,529.03		344057	173	181	Orange
0	2	1,075.64	1,574.41		331631	302	310	Orange
0	2	1,199.67	1,039.25		88,441.90	150	159	Orange
0	2	1,531.77	1,339.03		170601	337	351	Orange
0	2	1,191.60	1,270.20		129173	130	140	Orange
0	2	1,732.91	1,764.87		207731	78	94	Orange
0	2	1,673.80	1,421.28		65,823.40	317	331	Orange

0	2	1,780.00	1,948.49		21,606.90	352	368	Orange
0	2	1,817.91	1,316.74		36,297.60	299	316	Orange
0	2	1,316.66	1,414.69		5147400	150	162	Orange
0	2	1,389.74	1,418.49		1.23E+12	226	239	Orange
0	2	1,139.59	1,384.52		2089850	311	320	Orange
0	2	2,620.37	1,857.62		113549	272	297	Orange
0	2	1,301.72	1,112.67		617816	168	178	Orange
0	2	1,658.92	1,376.35		129633	224	239	Orange
0	2	1,524.69	1,230.45		1.57E+12	136	149	Orange
0	2	1,394.68	1,263.66		1442850	298	310	Orange
0	2	823.5765	1,550.91		2976330	77	83	Orange
0	2	2,178.07	1,563.71		6333190	112	132	Orange
0	2	2,155.15	1,722.64		834900	240	260	Orange
0	2	2,036.97	1,989.36		2269040	321	338	Orange
0	2	4,411.13	1,980.63		40,053.50	184	223	Orange
0	2	2,403.10	1,552.79		2130420	377	398	Orange
0	2	1,745.80	1,610.98		210794	502	516	Orange
0	2	829.4526	1,105.66		134642	483	490	Orange
0	2	1,447.73	1,143.03		119002	405	417	Orange
0	2	1,190.64	1,469.41		619250	41	51	Orange
0	2	1,078.55	1,156.38		339983	182	192	Orange
0	2	1,649.84	1,465.07		696566	52	68	Orange
0	2	1,109.58	1,207.34		240681	287	297	Orange
0	2	1,291.63	1,481.93		165663	491	501	Orange
0	2	1,386.63	1,283.13		353147	300	311	Orange
0	2	1,457.71	1,432.95		176765	441	453	Orange
0	2	1,154.58	1,085.15		90,545.60	727	736	Orange
0	2	1,493.71	1,621.57		156711	461	472	Orange
0	2	1,325.52	1,166.29		112853	371	381	Orange
0	2	1,117.52	1,420.07		267580	410	418	Orange
0	2	2,410.15	1,945.27		38,892.80	382	402	Orange
0	2	1,615.77	1,450.22		140642	292	305	Orange
0	2	1,611.71	1,215.25		62,223.00	104	117	Orange
0	2	1,683.71	1,136.24		72,814.80	368	381	Orange
0	2	1,833.92	1,583.24		331828	152	167	Orange
0	2	2,258.99	1,563.51		37,700.50	520	539	Orange
0	2	913.405	1,117.62		107311	403	409	Orange
0	2	1,473.70	1,147.32		60,262.70	160	173	Orange
0	2	1,377.67	1,128.79		132588	67	79	Orange
0	2	1,143.64	1,262.75		93,192.20	117	126	Orange
0	2	1,034.57	1,119.17		141684	100	108	Orange
0	2	1,280.70	1,417.38		407658	82	93	Orange
0	2	950.4612	1,238.57		290990	98	106	Orange
0	2	1,322.56	1,301.90		212479	115	124	Orange
0	2	1,450.66	1,203.54		78,060.00	114	124	Orange
0	2	1,018.57	1,373.69		362977	18	27	Orange
0	2	1,399.70	1,663.07		359132	87	97	Orange

0	2	2,648.34	1,952.23		59,964.90	304	329	Orange
0	2	1,400.69	1,244.90		120608	28	39	Orange
0	2	1,848.96	1,883.34		55,634.50	445	460	Orange
0	2	1,478.69	1,057.69		31,159.90	168	181	Orange
0	2	1,939.04	2,064.06		84,201.30	39	55	Orange
0	2	1,978.01	1,727.67		129971	138	157	Orange
0	2	1,497.77	1,155.49		88,291.00	399	412	Orange
0	2	1,100.65	1,659.48		340735	115	124	Orange
0	2	1,422.74	1,560.88		180515	266	278	Orange
0	2	1,940.95	1,813.66		63,328.10	382	398	Orange
0	2	1,437.69	1,428.77		446516	191	203	Orange
0	2	793.4203	1,300.04		398920	174	180	Orange
0	2	1,010.46	1,404.69		486416	49	56	Orange
0	2	1,578.71	1,590.15		352584	57	69	Orange
0	2	1,166.56	1,307.19		203254	48	56	Orange
0	2	1,055.50	1,137.16		835588	32	41	Orange
0	2	1,318.74	1,458.22		978171	20	31	Orange
0	2	2,204.12	1,572.68		384596	13	34	Orange
0	2	2,170.14	1,929.13		33,675.30	45	64	Orange
0	2	1,961.98	1,638.36		77,643.30	15	34	Orange
0	2	1,303.76	1,554.71		286729	116	127	Orange
0	2	1,866.91	1,499.44		98,909.50	79	96	Orange
0	2	1,420.80	1,657.37		135057	97	108	Orange
0	2	1,651.81	1,329.24		141840	88	103	Orange
0	2	2,399.15	1,885.17		30,369.90	230	250	Orange
0	2	1,253.55	1,335.23		116870	104	113	Orange
0	2	2,042.97	1,472.84		74,550.40	104	119	Orange
0	2	1,429.74	1,399.23		476236	309	320	Orange
0	2	1,246.68	1,335.93		177970	381	391	Orange
0	2	1,338.61	1,425.19		149244	4	13	Orange
0	2	1,455.85	1,465.11		965104	217	229	Orange
0	2	1,916.93	1,493.37		346926	335	351	Orange
0	2	1,020.50	1,394.19		258240	251	258	Orange
0	2	1,141.51	1,361.59		802582	295	303	Orange
0	2	1,222.64	1,476.95		258405	250	261	Orange
0	2	1,724.90	1,449.87		71,356.50	117	132	Orange
0	2	2,320.25	2,003.65		28,212.50	270	291	Orange
0	2	1,543.64	1,096.41		58,073.80	293	307	Orange
0	2	1,923.92	1,603.41		73,369.80	224	241	Orange
0	2	1,515.70	1,302.00		166231	170	182	Orange
0	2	1,191.59	1,092.51		53,042.10	66	76	Orange
0	2	1,285.66	1,170.84		112240	624	635	Orange
0	2	1,049.59	1,569.53		133886	402	410	Orange
0	2	1,319.68	1,226.97		58,534.90	21	33	Orange
0	2	1,096.53	1,119.17		198844	369	378	Orange
0	2							
0	2	2,597.25	1,714.23		210539	303	326	Empty

0	2	1,506.71	1,332.62		723264	245	258	Empty
0	2	1,533.75	1,537.99		662480	290	302	Empty
0	2	2,692.42	1,891.56		379761	259	283	Empty
0	2	1,252.68	1,625.70		141258	371	381	Empty
0	2	1,092.58	1,636.41		559454	224	232	Empty
0	2	1,560.75	1,355.95		116357	330	342	Empty
0	2	1,319.68	1,190.54		78,928.40	21	33	Empty
0	2	1,086.51	1,312.96		79,153.40	1525	1533	Empty
0	2	1,316.66	1,520.66		2.05E+11	150	162	Empty
0	2	1,389.74	1,514.58		6790310	226	239	Empty
0	2	919.4479	953.483		15,437.20	171	178	Empty
0	2	1,139.59	1,429.44		5081080	311	320	Empty
0	2	2,636.37	1,895.36		1295540	272	297	Empty
0	2	1,524.69	1,234.25		2.68E+12	136	149	Empty
0	2	1,394.68	1,304.41		1.47E+12	298	310	Empty
0	2	823.5765	1,548.39		3387240	77	83	Empty
0	2	2,178.07	1,657.49		9796170	112	132	Empty
0	2	2,155.15	1,801.60		2626330	240	260	Empty
0	2	2,036.97	2,075.84		5543190	321	338	Empty
0	2	2,403.10	1,755.79		2731730	377	398	Empty
0	2	1,762.86	1,479.04		332596	157	173	Empty
0	2	1,953.94	1,842.14		296849	52	68	Empty
0	2	1,737.85	1,740.69		501541	6	21	Empty
0	2	3,579.87	1,915.30		7,619.67	174	209	Empty
0	2	2,315.24	1,874.25		137200	127	150	Empty
0	2	970.5681	1,272.71		188209	100	107	Empty
0	2	1,348.72	1,476.25		641506	39	51	Empty
0	2	1,826.93	1,657.95		706305	142	158	Empty
0	2	3,137.60	1,729.31		125094	110	141	Empty
0	2	1,155.64	1,314.74		631834	197	209	Empty
0	2	1,283.73	1,199.04		141374	196	209	Empty
0	2	1,372.77	1,570.41		366936	98	109	Empty
0	2	950.4612	1,148.96		848055	98	106	Empty
0	2	1,322.56	1,275.90		261344	115	124	Empty
0	2	1,018.57	1,363.63		751831	18	27	Empty
0	2	1,399.70	1,656.85		209311	87	97	Empty
0	2	1,144.58	1,530.90		105477	173	181	Empty
0	2	1,466.80	1,662.43		82,569.30	147	159	Empty
0	2	1,788.90	1,550.33		191646	20	35	Empty
0	2	1,145.60	1,279.74		157725	36	46	Empty
0	2	1,199.67	1,029.28		18,775.80	150	159	Empty
0	2	2,589.29	1,552.62		18,714.40	252	276	Empty
0	2	1,532.76	1,327.88		36,715.90	337	351	Empty
0	2	1,191.60	1,213.29		217204	130	140	Empty
0	2	1,732.91	1,784.98		40,559.50	78	94	Empty
0	2	1,757.86	1,589.38		75,778.50	160	174	Empty
0	2	1,673.80	1,420.90		123790	317	331	Empty

0	2	1,780.00	1,956.10		21,435.80	352	368	Empty
0	2	1,817.91	1,323.83		257230	299	316	Empty
0	2	1,242.64	1,330.78		153837	175	185	Empty
0	2	1,177.53	1,141.86		123415	540	549	Empty
0	2	1,438.59	1,484.58		169799	550	561	Empty
0	2	1,042.59	1,330.43		166369	790	799	Empty
0	2	1,117.52	1,422.23		84,747.90	410	418	Empty
0	2	1,615.77	1,453.48		71,614.60	292	305	Empty
0	2	1,611.71	1,214.28		58,280.80	104	117	Empty
0	2	1,684.69	1,128.05		23,903.80	368	381	Empty
0	2	1,250.60	1,340.29		113482	221	231	Empty
0	2	913.405	1,113.42		213503	403	409	Empty
0	2	967.4733	1,103.86		77,336.60	161	168	Empty
0	2	1,484.76	1,477.31		51,285.30	11	22	Empty
0	2	1,421.64	1,490.73		237649	171	183	Empty
0	2	1,489.70	1,072.26		80,278.40	160	173	Empty
0	2	1,417.66	1,384.30		85,045.80	178	189	Empty
0	2	1,377.67	1,092.15		143999	67	79	Empty
0	2	1,143.64	1,248.02		229148	117	126	Empty
0	2	1,302.61	1,189.86		512041	70	81	Empty
0	2	1,280.70	1,416.82		220244	82	93	Empty
0	2	2,053.07	1,739.70		137793	49	67	Empty
0	2	2,294.11	1,588.64		34,512.20	97	115	Empty
0	2	1,400.69	1,229.16		108110	28	39	Empty
0	2	903.5148	1,259.85		303557	292	300	Empty
0	2	1,759.89	1,622.19		81,370.90	40	56	Empty
0	2	1,203.54	1,580.92		246579	150	158	Empty
0	2	1,437.69	1,421.44		680573	191	203	Empty
0	2	793.4203	1,294.92		260393	174	180	Empty
0	2	1,010.46	1,405.65		209735	49	56	Empty
0	2	1,522.72	1,707.86		211890	109	121	Empty
0	2	1,578.71	1,623.71		320272	57	69	Empty
0	2	952.5536	1,498.29		196155	2	9	Empty
0	2	1,055.50	1,134.11		475035	32	41	Empty
0	2	2,204.12	1,572.37		107184	13	34	Empty
0	2	2,171.13	1,956.42		28,221.30	45	64	Empty
0	2	1,961.98	1,644.27		120681	15	34	Empty
0	2	1,303.76	1,536.78		414279	116	127	Empty
0	2	1,132.63	1,108.70		69,449.10	168	177	Empty
0	2	1,600.79	1,491.96		61,091.60	33	46	Empty
0	2	1,866.91	1,524.11		251907	79	96	Empty
0	2	1,420.80	1,653.99		535084	97	108	Empty
0	2	1,543.64	1,086.99		44,694.10	293	307	Empty
0	2	1,826.93	1,633.76		597130	142	158	Empty
0	2	1,155.64	1,299.59		1579820	197	209	Empty
0	2	1,283.73	1,205.81		484861	196	209	Empty



0	2	1,372.77	1,568.32		601763	98	109	Empty
0	2	999.4311	1,087.42		464513	41	49	Empty
0	2	2,179.06	1,988.08		224226	280	298	Empty
0	2	1,199.67	1,034.33		420276	150	159	Empty
0	2	2,589.29	1,545.24		409759	252	276	Empty
0	2	1,531.77	1,338.13		1960700	337	351	Empty
0	2	1,191.60	1,274.48		3068990	130	140	Empty
0	2	1,733.89	1,763.59		865697	78	94	Empty
0	2	2,556.28	1,779.02		191985	229	251	Empty
0	2	1,757.86	1,584.08		677417	160	174	Empty
0	2	1,673.80	1,436.59		1471660	317	331	Empty
0	2	1,780.00	1,947.18		112822	352	368	Empty
0	2	1,816.93	1,331.76		1831230	299	316	Empty
0	2	1,242.64	1,320.89		446169	175	185	Empty
0	2	1,866.91	1,492.99		227712	79	96	Empty
0	2	1,421.79	1,658.20		1095160	97	108	Empty
0	2	1,473.70	1,134.36		152455	160	173	Empty
0	2	1,377.67	1,165.28		251266	67	79	Empty
0	2	918.4614	1,399.15		523503	107	113	Empty
0	2	1,450.66	1,192.37		166632	114	124	Empty
0	2	1,018.57	1,350.40		560713	18	27	Empty
0	2	1,399.70	1,653.61		294181	87	97	Empty
0	2	936.4421	1,107.13		253050	215	223	Empty
0	2	1,371.74	1,400.53		699456	42	53	Empty
0	2	952.481	1,401.55		1434720	54	61	Empty
0	2	1,804.87	1,355.02		266820	186	201	Empty
0	2	1,329.72	1,565.60		351516	121	132	Empty
0	2	1,169.56	1,440.22		633433	107	116	Empty
0	2	2,648.34	1,986.00		17,338.30	304	329	Empty
0	2	2,294.11	1,585.49		76,973.00	97	115	Empty
0	2	2,124.97	1,667.46		127601	165	183	Empty
0	2	787.4672	1,134.52		354113	330	337	Empty
0	2	1,400.69	1,222.87		871133	28	39	Empty
0	2	902.5307	1,246.42		532272	292	300	Empty
0	2	1,662.84	1,534.26		432323	229	244	Empty
0	2	1,759.89	1,625.82		623172	40	56	Empty
0	2	1,203.54	1,569.22		432116	150	158	Empty
0	2	2,437.20	1,535.58		356019	151	173	Empty
0	2	1,763.85	1,474.56		100654	157	173	Empty
0	2	1,953.94	1,829.65		753582	52	68	Empty
0	2	1,737.85	1,723.49		194177	6	21	Empty
0	2	970.5681	1,296.22		655486	100	107	Empty
0	2	1,348.72	1,467.52		1100570	39	51	Empty
0	2	1,437.69	1,400.41		560569	191	203	Empty
0	2	793.4203	1,291.79		757078	174	180	Empty
0	2	1,522.72	1,718.65		527419	109	121	Empty
0	2	1,579.70	1,628.26		173550	57	69	Empty

0	2	1,166.56	1,272.85		422745	48	56	Empty
0	2	1,055.50	1,123.34		1729650	32	41	Empty
0	2	2,170.14	1,945.70		123216	45	64	Empty
0	2	1,961.98	1,639.64		179087	15	34	Empty
0	2	1,303.76	1,537.60		595057	116	127	Empty
0	2	1,302.61	1,192.63		239169	70	81	Empty
0	2	1,280.70	1,405.76		482514	82	93	Empty
0	2	2,054.06	1,775.72		219106	49	67	Empty
0	2	2,597.25	1,725.04		877233	303	326	Empty
0	2	1,806.85	1,247.48		187309	242	258	Empty
0	2	1,506.71	1,295.91		274938	245	258	Empty
0	2	1,533.75	1,527.84		7630840	290	302	Empty
0	2	2,691.44	1,982.20		4322940	259	283	Empty
0	2	1,252.68	1,654.88		1338280	371	381	Empty
0	2	1,877.90	1,459.42		334235	99	116	Empty
0	2	1,092.58	1,624.75		5407990	224	232	Empty
0	2	1,316.66	1,782.04		2.24E+13	150	162	Empty
0	2	1,389.74	1,803.19		1.05E+13	226	239	Empty
0	2	919.4479	932.877		77,117.50	171	178	Empty
0	2	1,139.59	1,556.03		1.31E+13	311	320	Empty
0	2	2,621.36	2,157.50		4.25E+12	272	297	Empty
0	2	787.4056	905.419		13,897.50	261	267	Empty
0	2	3,027.66	1,762.57		113475	84	111	Empty
0	2	1,524.69	1,307.67		2.52E+13	136	149	Empty
0	2	1,394.68	1,451.73		1.30E+13	298	310	Empty
0	2	823.5765	1,624.88		1.10E+13	77	83	Empty
2	2	2,871.56	1,970.41		5896450	85	111	Empty
0	2	2,178.07	1,905.95		1.47E+13	112	132	Empty
0	2	2,155.15	2,124.19		2.39E+13	240	260	Empty
0	2	2,036.97	2,219.35		4.65E+12	321	338	Empty
0	2	4,394.15	2,057.53		1677150	184	223	Empty
0	2	2,403.10	1,990.80		2.92E+12	377	398	Empty
0	2	1,615.77	1,450.29		104117	292	305	Empty
0	2	1,250.60	1,332.99		223901	221	231	Empty
0	2	1,826.93	1,663.02		1687620	142	158	Empty
0	2	3,137.60	1,731.26		771734	110	141	Empty
0	2	1,155.64	1,317.30		1889600	197	209	Empty
0	2	1,283.73	1,200.18		99,739.00	196	209	Empty
0	2	1,372.77	1,604.12		404575	98	109	Empty
0	2	999.4311	1,104.60		657297	41	49	Empty
0	2	3,248.64	1,685.00		1120740	165	195	Empty
0	2	2,437.20	1,557.54		465460	151	173	Empty
0	2	1,762.86	1,504.74		569091	157	173	Empty
0	2	1,953.94	1,834.69		897412	52	68	Empty
0	2	1,738.83	1,750.52		818942	6	21	Empty
0	2	1,611.94	1,609.49		62,811.20	22	38	Empty

0	2	2,316.22	1,884.19		944266	127	150	Empty
0	2	1,126.67	1,230.43		439149	99	107	Empty
0	2	2,675.32	1,897.14		353284	73	98	Empty
0	2	970.5681	1,302.97		1392860	100	107	Empty
0	2	1,348.72	1,466.52		2867170	39	51	Empty
0	2	967.4733	1,097.94		649548	161	168	Empty
0	2	1,583.77	1,363.48		347569	140	154	Empty
0	2	1,433.64	1,166.26		187871	25	36	Empty
0	2	1,484.76	1,467.66		153502	11	22	Empty
0	2	1,623.84	1,479.49		244227	41	54	Empty
0	2	1,421.64	1,355.00		448800	171	183	Empty
0	2	1,138.58	1,507.09		364943	45	54	Empty
0	2	1,266.67	1,398.25		405037	45	55	Empty
0	2	1,302.61	1,189.66		601977	70	81	Empty
0	2	1,034.57	1,109.84		494230	100	108	Empty
0	2	791.451	1,121.73		233014	102	108	Empty
0	2	1,280.70	1,443.06		629499	82	93	Empty
0	2	2,069.07	1,767.57		559300	49	67	Empty
0	2	966.4562	1,229.47		8728020	98	106	Empty
0	2	1,322.56	1,299.84		1.66E+12	115	124	Empty
0	2	1,450.66	1,213.80		532148	114	124	Empty
0	2	1,018.57	1,431.70		2.29E+12	18	27	Empty
0	2	1,399.70	1,825.44		1.06E+12	87	97	Empty
0	2	936.4421	1,102.01		116467	215	223	Empty
0	2	960.5109	1,096.31		297536	62	70	Empty
0	2	1,804.87	1,377.86		142368	186	201	Empty
0	2	1,329.72	1,575.04		637454	121	132	Empty
0	2	1,123.57	1,237.67		408354	133	142	Empty
0	2	2,109.05	1,496.36		72,605.90	313	331	Orange
0	2	1,323.56	1,051.22		58,615.50	288	299	Orange
0	2	1,338.61	1,435.98		127219	4	13	Empty
0	2	953.5091	1,433.66		257075	22	29	Empty
0	2	1,437.69	1,430.87		1005120	191	203	Empty
0	2	793.4203	1,291.06		359127	174	180	Empty
0	2	1,010.46	1,402.22		249172	49	56	Empty
0	2	1,522.72	1,719.70		1180800	109	121	Empty
0	2	1,578.71	1,630.24		692837	57	69	Empty
0	2	877.4778	1,428.80		820979	181	187	Empty
0	2	952.5536	1,448.42		847728	2	9	Empty
0	2	1,678.82	1,615.08		119277	108	121	Empty
0	2	1,055.50	1,141.43		1785580	32	41	Empty
0	2	1,768.87	1,428.18		82,611.50	32	47	Empty
0	2	1,318.74	1,454.74		649390	20	31	Empty
0	2	2,204.12	1,569.04		428209	13	34	Empty
0	2	2,170.14	1,959.38		306085	45	64	Empty
0	2	1,961.98	1,654.10		542372	15	34	Empty
0	2	1,303.76	1,538.53		279005	116	127	Empty

0	2	1,586.77	1,438.89		47,402.70	151	163	Empty
0	2	1,132.63	1,094.66		91,470.50	168	177	Empty
0	2	1,600.79	1,489.41		274246	33	46	Empty
0	2	1,684.82	1,567.40		226340	19	32	Empty
0	2	3,199.58	1,501.48		413852	155	185	Empty
0	2	1,866.91	1,537.20		2381990	79	96	Empty
0	2	1,420.80	1,648.88		1119170	97	108	Empty
0	2	2,647.39	1,959.83		26,396.90	186	210	Empty
0	2	1,222.64	1,475.84		388129	250	261	Empty
0	2	1,543.64	1,139.66		28,251.10	293	307	Empty
0	2	1,473.70	1,136.07		62,821.10	160	173	Empty
0	2	1,393.66	1,123.33		165645	67	79	Empty
0	2	1,143.64	1,252.59		776419	117	126	Empty
0	2	1,747.85	1,565.69		146240	54	67	Orange
0	2	1,511.66	1,279.94		82,088.00	96	108	Orange
0	2	912.4573	1,361.35		524108	227	233	Orange
0	2	2,720.32	1,796.52		816321	53	78	Orange
0	2	1,826.89	1,478.60		452767	234	249	Orange
0	2	2,240.08	1,580.99		72,738.40	250	268	Orange
0	2	1,025.51	1,526.89		587758	148	156	Orange
0	2	2,724.47	1,863.47		551567	157	183	Orange
0	2	2,008.00	1,625.68		239001	79	95	Orange
0	2	1,350.77	1,635.31		732350	184	194	Orange
0	2	1,652.74	1,474.92		452805	94	107	Orange
0	2	2,065.09	1,916.67		377671	42	59	Orange
0	2	2,682.40	1,981.22		4,617.94	71	93	Orange
0	2	1,279.64	1,211.03		398623	60	70	Orange
0	2	2,634.33	1,873.09		18,590.50	76	98	Empty
0	2	2,597.25	1,695.26		522504	303	326	Empty
0	2	1,506.71	1,311.03		799690	245	258	Empty
0	2	1,533.75	1,535.77		2970090	290	302	Empty
0	2	2,691.44	1,894.56		1567860	259	283	Empty
0	2	1,252.68	1,632.90		438116	371	381	Empty
0	2	1,878.89	1,445.66		96,840.40	99	116	Empty
0	2	1,092.58	1,631.91		741350	224	232	Empty
0	2	1,560.75	1,354.17		99,831.00	330	342	Empty
0	2	1,319.68	1,217.59		287936	21	33	Empty
0	2	1,086.51	1,312.59		144889	1525	1533	Empty
0	2	1,096.53	1,095.76		85,579.00	369	378	Empty
0	2	1,190.62	1,460.13		270718	280	290	Empty
0	2	1,239.73	1,238.76		609314	216	227	Empty
0	2	1,371.60	1,024.14		205089	248	259	Empty
0	2	1,788.90	1,549.41		185713	20	35	Empty
0	2	1,161.59	1,197.52		195477	36	46	Empty
0	2	1,199.67	1,046.84		130773	150	159	Empty
0	2	2,589.29	1,554.52		96,514.90	252	276	Empty
0	2	1,531.77	1,325.89		83,373.20	337	351	Empty

0	2	1,192.59	1,296.62		483002	130	140	Empty
0	2	1,732.91	1,756.75		92,572.10	78	94	Empty
0	2	2,557.26	1,791.77		18,381.50	229	251	Empty
0	2	1,757.86	1,592.15		95,341.50	160	174	Empty
0	2	1,780.00	1,957.38		21,362.30	352	368	Empty
0	2	1,816.93	1,321.94		136584	299	316	Empty
0	2	1,242.64	1,324.70		250640	175	185	Empty
0	2	1,316.66	1,398.64		1.05E+12	150	162	Empty
0	2	1,389.74	1,408.23		9149320	226	239	Empty
0	2	919.4479	955.992		27,069.60	171	178	Empty
0	2	1,139.59	1,349.95		5465070	311	320	Empty
0	2	2,620.37	1,885.39		1933850	272	297	Empty
0	2	1,525.68	1,231.32		6814760	136	149	Empty
0	2	1,394.68	1,274.46		1.80E+12	298	310	Empty
0	2	823.5765	1,536.08		3019280	77	83	Empty
0	2	2,178.07	1,594.67		6329850	112	132	Empty
0	2	2,155.15	2,032.74		4851320	240	260	Empty
0	2	2,036.97	2,127.78		5886340	321	338	Empty
0	2	2,403.10	1,556.90		1330490	377	398	Empty
0	2	863.4834	1,102.21		99,887.20	227	235	Empty
0	2	1,190.64	1,493.49		346834	41	51	Empty
0	2	1,078.55	1,168.33		240037	182	192	Empty
0	2	1,649.84	1,453.42		65,878.20	52	68	Empty
0	2	1,109.58	1,209.08		511945	287	297	Empty
0	2	1,177.53	1,151.44		104447	540	549	Empty
0	2	1,438.59	1,481.78		124851	550	561	Empty
0	2	1,042.59	1,314.32		369892	790	799	Empty
0	2	1,615.77	1,451.14		65,202.80	292	305	Empty
0	2	1,611.71	1,212.13		126877	104	117	Empty
0	2	1,250.60	1,247.06		169506	221	231	Empty
0	2	1,834.91	1,584.32		109895	152	167	Empty
0	2	1,886.99	1,474.52		97,295.70	818	834	Empty
0	2	2,258.99	1,569.41		48,857.20	520	539	Empty
0	2	1,024.57	1,232.56		457746	143	151	Empty
0	2	1,290.71	1,359.19		195224	130	141	Empty
0	2	2,288.09	1,732.64		25,332.00	838	856	Empty
0	2	913.405	1,111.32		215193	403	409	Empty
0	2	1,949.96	1,460.87		69,878.20	44	62	Orange
0	2	1,025.57	1,476.50		316967	163	171	Orange
0	2	1,116.56	1,076.62		353568	63	72	Orange
0	2	1,932.93	1,333.37		90,346.20	172	190	Orange
0	2	1,826.93	1,666.87		1946740	142	158	Empty
0	2	3,137.60	1,727.44		77,751.10	110	141	Empty
0	2	1,155.64	1,330.09		1421200	197	209	Empty
0	2	1,283.73	1,214.54		641834	196	209	Empty
0	2	1,372.77	1,585.81		451600	98	109	Empty

0	2	999.4311	1,097.35		757887	41	49	Empty
0	2	2,437.20	1,525.48		167095	151	173	Empty
0	2	1,819.03	1,604.44		307247	108	126	Empty
0	2	1,762.86	1,511.38		769638	157	173	Empty
0	2	1,953.94	1,848.74		4042980	52	68	Empty
0	2	1,737.85	1,746.85		2127620	6	21	Empty
0	2	2,315.24	1,887.84		116233	127	150	Empty
0	2	970.5681	1,289.25		1244470	100	107	Empty
0	2	1,348.72	1,477.41		3010640	39	51	Empty
0	2	1,320.65	1,267.84		300275	214	225	Empty
0	2	1,350.61	1,068.70		246835	169	181	Empty
0	2	1,191.63	1,474.95		379215	41	51	Empty
0	2	1,079.54	1,167.21		574251	182	192	Empty
0	2	2,280.13	1,725.25		22,359.50	50	71	Orange
0	2	1,552.79	1,233.26		122054	155	168	Empty
0	2	839.3783	1,191.25		550600	161	167	Empty
0	2	967.4733	1,099.53		2170930	161	168	Empty
0	2	1,583.77	1,368.43		6937430	140	154	Empty
0	2	1,433.64	1,195.45		6454380	25	36	Empty
0	2	1,484.76	1,497.37		9540460	11	22	Empty
0	2	877.4667	1,252.46		4135690	133	139	Empty
0	2	1,623.84	1,494.30		622126	41	54	Empty
0	2	1,751.93	1,405.32		3245840	41	55	Empty
0	2	3,070.41	1,873.34		78,971.00	56	79	Empty
0	2	1,421.64	1,493.30		6098660	171	183	Empty
0	2	1,138.58	1,514.51		548057	45	54	Empty
0	2	1,266.67	1,400.49		976206	45	55	Empty
0	2	1,489.70	1,097.15		235521	160	173	Empty
0	2	915.4935	1,194.63		412009	144	151	Empty
0	2	1,417.66	1,379.86		284882	178	189	Empty
0	2	1,377.67	1,167.93		250740	67	79	Empty
0	2	2,601.29	1,416.82		565758	91	114	Empty
0	2	1,972.07	1,628.07		190293	127	143	Empty
0	2	1,143.64	1,250.55		498026	117	126	Empty
0	2	1,690.87	1,607.99		236078	48	62	Orange
0	2	1,302.61	1,206.95		4055580	70	81	Empty
0	2	842.5346	1,365.97		1022810	32	39	Empty
0	2	1,034.57	1,139.02		848033	100	108	Empty
0	2	1,543.79	1,191.75		454417	68	81	Empty
0	2	791.451	1,119.27		456575	102	108	Empty
0	2	1,280.70	1,415.38		721158	82	93	Empty
0	2	2,069.07	1,694.83		804839	49	67	Empty
0	2	950.4612	1,150.23		612943	98	106	Empty
0	2	1,322.56	1,289.71		242666	115	124	Empty
0	2	1,399.70	1,661.42		348928	87	97	Empty
0	2	1,437.69	1,469.95		4.79E+12	191	203	Orange
0	2	793.4203	1,339.89		3634400	174	180	Orange

0	2	1,010.46	1,432.07		1909460	49	56	Orange
0	2	1,522.72	1,928.89		6992050	109	121	Orange
0	2	1,578.71	1,674.23		5510300	57	69	Orange
0	2	3,291.56	1,824.04		45,215.60	70	97	Orange
0	2	877.4778	1,438.36		2597640	181	187	Orange
0	2	952.5536	1,490.35		1257060	2	9	Orange
0	2	1,166.56	1,303.49		2.95E+11	48	56	Orange
0	2	1,678.82	1,625.42		2942680	108	121	Orange
0	2	1,014.50	1,380.21		2629460	122	130	Orange
0	2	1,055.50	1,183.49		2.01E+12	32	41	Orange
0	2	1,768.87	1,418.33		257185	32	47	Orange
0	2	1,318.74	1,591.51		1.06E+12	20	31	Orange
0	2	3,049.43	1,895.58		1990280	72	97	Orange
0	2	900.4573	1,266.56		269893	89	95	Orange
0	2	1,821.89	1,507.99		68,567.50	193	209	Orange
0	2	1,586.77	1,465.23		758746	151	163	Empty
0	2	1,132.63	1,084.63		1518460	168	177	Empty
0	2	1,208.53	1,513.23		1920050	92	100	Empty
0	2	1,600.79	1,503.30		1702600	33	46	Empty
0	2	1,393.65	1,487.76		575071	208	219	Empty
0	2	1,684.82	1,579.66		1170860	19	32	Empty
0	2	2,913.40	1,614.30		332952	43	70	Empty
0	2	1,743.90	1,559.77		83,113.90	71	87	Empty
0	2	2,507.25	1,653.82		47,840.10	198	222	Empty
0	2	1,096.60	1,612.80		230651	94	102	Empty
0	2	2,376.12	1,652.26		53,400.90	178	197	Empty
0	2	1,944.88	1,588.90		177403	106	122	Empty
0	2	1,850.99	1,739.61		63,968.70	15	31	Empty
0	2	2,204.12	1,572.92		758509	13	34	Empty
0	2	2,170.14	1,953.66		1710580	45	64	Empty
0	2	1,961.98	1,663.35		4038110	15	34	Empty
0	2	1,303.76	1,560.56		1525190	116	127	Empty
0	2	1,289.64	1,106.75		75,666.80	44	54	Orange
0	2	807.4723	1,294.33		414257	98	104	Orange
0	2	955.4883	1,436.52		635942	218	224	Orange
0	2	1,415.72	1,531.37		602490	86	97	Orange
0	2	1,680.90	1,667.47		441229	15	28	Orange
0	2	1,530.72	1,544.68		567333	203	217	Orange
0	2	1,046.52	1,170.18		430136	46	54	Orange
0	2	3,158.37	1,540.00		61,188.80	139	166	Orange
0	2	1,826.89	1,475.41		70,960.80	234	249	Empty
0	2	2,597.25	1,694.19		190845	303	326	Empty
0	2	1,506.71	1,317.96		138965	245	258	Empty
0	2	2,693.40	1,883.49		184031	259	283	Empty
0	2	1,092.58	1,644.57		246116	224	232	Empty
0	2	1,188.62	1,212.17		225677	160	169	Empty
0	2	1,607.77	1,331.43		67,136.40	79	93	Empty

0	2	1,506.77	1,350.65		128201	187	202	Orange
0	2	1,384.72	1,540.41		394788	19	29	Orange
0	2	1,931.88	1,178.23		198581	121	141	Orange
0	2	1,745.80	1,376.08		305012	168	185	Orange
0	2	1,938.92	1,233.10		304021	146	167	Orange
0	2	1,492.73	1,927.24		120804	206	218	Empty
0	2	1,367.70	1,724.19		239659	157	167	Empty
0	2	2,522.23	1,757.58		249175	223	246	Empty
0	2	2,147.04	1,642.13		72,747.00	79	96	Empty
0	2	2,386.13	1,681.86		29,228.10	131	152	Empty
0	2	2,126.94	1,300.24		265250	228	247	Orange
0	2	1,239.73	1,241.55		267358	216	227	Orange
0	2	1,371.60	1,024.74		50,013.70	248	259	Orange
0	2	1,788.90	1,581.32		6933600	20	35	Empty
0	2	1,145.60	1,271.70		6640470	36	46	Empty
0	2	1,531.77	1,333.52		127498	337	351	Empty
0	2	1,191.60	1,266.37		418684	130	140	Empty
0	2	1,732.91	1,773.09		74,148.20	78	94	Empty
0	2	1,674.79	1,435.09		177128	317	331	Empty
0	2	1,242.64	1,336.11		190803	175	185	Empty
0	2	1,316.66	711.925		498656	150	162	Empty
0	2	1,389.74	1,410.88		4081120	226	239	Empty
0	2	1,139.59	18.854		758518	311	320	Empty
0	2	2,620.37	1,851.02		161877	272	297	Empty
0	2	1,524.69	1,195.74		1431730	136	149	Empty
0	2	1,394.68	1,259.62		4045170	298	310	Empty
0	2	823.5765	1,528.99		558190	77	83	Empty
0	2	2,179.06	1,530.31		249637	112	132	Empty
0	2	2,155.15	1,727.87		106267	240	260	Empty
0	2	2,036.97	2,069.79		3247680	321	338	Empty
0	2	2,403.10	1,536.28		93,510.70	377	398	Empty
0	2	1,042.59	1,333.82		259481	790	799	Empty
0	2	1,886.99	1,480.93		120734	818	834	Empty
0	2	2,289.07	1,743.49		25,169.80	838	856	Empty
0	2	1,866.91	1,526.54		1873610	79	96	Empty
0	2	1,420.80	1,678.27		1843120	97	108	Empty
0	2	792.4979	1,240.89		271363	17	23	Empty
0	2	2,647.39	1,703.34		323128	186	210	Empty
0	2	1,094.51	1,368.92		222467	86	94	Empty
0	2	908.4584	1,224.12		186559	132	139	Empty
0	2	1,319.68	1,208.10		199704	21	33	Empty
0	2	1,096.53	1,113.43		43,276.60	369	378	Empty
0	2	1,237.63	1,164.08		89,439.80	77	86	Empty
0	2	1,259.64	1,176.32		70,656.90	94	104	Empty
0	2	1,826.86	1,494.91		152257	46	61	Empty
0	2	1,826.93	1,668.56		2858070	142	158	Empty



0	2	3,137.60	1,731.37		476465	110	141	Empty
0	2	1,155.64	1,332.76		903092	197	209	Empty
0	2	1,283.73	1,234.50		207964	196	209	Empty
0	2	1,372.77	1,606.31		1125980	98	109	Empty
0	2	999.4311	1,118.42		309006	41	49	Empty
0	2	3,248.64	1,699.22		1491470	165	195	Empty
0	2	2,437.20	1,564.29		1.15E+12	151	173	Empty
0	2	1,819.03	1,796.02		855551	108	126	Empty
0	2	1,762.86	1,516.44		6499570	157	173	Empty
0	2	1,953.94	1,905.64		1.61E+12	52	68	Empty
0	2	1,738.83	1,783.54		3799110	6	21	Empty
0	2	1,611.94	1,767.06		1038590	22	38	Empty
0	2	2,315.24	1,912.77		4376040	127	150	Empty
0	2	1,126.67	1,238.27		454327	99	107	Empty
0	2	2,675.32	1,909.16		297829	73	98	Empty
0	2	970.5681	1,325.55		5594570	100	107	Empty
0	2	1,348.72	1,505.16		9883630	39	51	Empty
0	2	1,144.58	1,529.53		311149	173	181	Empty
0	2	1,129.52	1,354.11		149520	32	40	Empty
0	2	2,126.94	1,311.92		35,835.10	228	247	Empty
0	2	1,239.73	1,240.90		209855	216	227	Empty
0	2	1,372.58	1,031.30		271132	248	259	Empty
0	2	1,161.59	1,189.86		121083	36	46	Orange
0	2	1,340.58	1,205.85		127391	215	225	Orange
0	2	1,259.63	1,331.47		62,392.00	24	33	Empty
0	2	1,585.76	1,419.13		36,405.20	172	186	Empty
0	2	1,316.66	1,378.68		279133	150	162	Empty
0	2	1,389.74	1,391.54		523041	226	239	Empty
0	2	1,139.59	1,428.08		815903	311	320	Empty
0	2	2,621.36	1,849.02		114470	272	297	Empty
0	2	1,524.69	1,202.49		376667	136	149	Empty
0	2	1,394.68	1,283.16		946689	298	310	Empty
0	2	823.5765	1,533.12		653014	77	83	Empty
0	2	2,178.07	1,504.76		485918	112	132	Empty
0	2	2,036.97	1,965.53		1355700	321	338	Empty
0	2	2,403.10	1,556.91		155546	377	398	Empty
0	2	1,612.70	1,221.27		23,123.10	104	117	Empty
0	2	1,250.60	1,333.49		207616	221	231	Empty
0	2	1,833.92	1,585.42		144502	152	167	Empty
0	2	1,886.99	1,480.85		33,830.90	818	834	Empty
0	2	1,024.57	1,251.36		152611	143	151	Empty
0	2	1,290.71	1,365.38		125087	130	141	Empty
0	2	1,302.61	1,192.81		217224	70	81	Empty
0	2	842.5346	1,386.67		237930	32	39	Empty
0	2	1,034.57	1,143.83		303213	100	108	Empty
0	2	791.451	1,122.42		124171	102	108	Empty
0	2	1,281.68	1,412.76		241963	82	93	Empty

0	2	2,069.07	1,711.79		414691	49	67	Empty
0	2	949.5025	1,126.81		79,291.80	94	101	Empty
0	2	967.4733	1,103.38		45,247.60	161	168	Empty
0	2	1,583.77	1,368.17		207516	140	154	Empty
0	2	1,433.64	1,170.81		307355	25	36	Empty
0	2	1,484.76	1,485.43		83,608.90	11	22	Empty
0	2	1,623.84	1,487.19		263936	41	54	Empty
0	2	1,751.93	1,394.62		130970	41	55	Empty
0	2	1,421.64	1,495.51		122261	171	183	Empty
0	2	1,489.70	1,131.61		227258	160	173	Empty
0	2	1,417.66	1,408.75		331972	178	189	Empty
0	2	1,393.66	1,161.52		963893	67	79	Empty
0	2	2,585.29	1,436.67		1394290	91	114	Empty
0	2	1,264.66	1,346.56		397422	80	92	Empty
0	2	1,522.74	1,513.69		473257	100	113	Empty
0	2	950.4612	1,243.04		379932	98	106	Empty
0	2	1,450.66	1,198.82		29,221.30	114	124	Empty
0	2	1,018.57	1,365.54		572051	18	27	Empty
0	2	1,399.70	1,666.71		149860	87	97	Empty
0	2	1,074.60	1,427.44		365170	227	236	Empty
0	2	2,110.03	1,502.78		23,994.20	313	331	Empty
0	2	1,323.56	1,077.36		54,077.70	288	299	Empty
0	2	798.4832	1,354.84		126809	269	275	Empty
0	2	1,111.58	1,347.56		101530	243	251	Empty
0	2	1,015.47	1,180.45		57,220.40	280	287	Empty
0	2	1,437.69	1,425.17		5666670	191	203	Orange
0	2	793.4203	1,300.64		242744	174	180	Orange
0	2	1,010.46	1,404.99		402774	49	56	Orange
0	2	1,522.72	1,793.24		1928050	109	121	Orange
0	2	1,578.71	1,628.24		1606330	57	69	Orange
0	2	877.4778	1,428.57		952807	181	187	Orange
0	2	968.5486	1,460.88		795983	2	9	Orange
0	2	1,166.56	1,309.54		1180340	48	56	Orange
0	2	1,678.82	1,622.32		739758	108	121	Orange
0	2	1,014.50	1,367.38		1311430	122	130	Orange
0	2	1,055.50	1,142.51		1773760	32	41	Orange
0	2	1,318.74	1,468.95		2491990	20	31	Orange
0	2	3,033.44	1,915.56		254683	72	97	Orange
0	2	913.5467	1,125.64		210998	33	40	Orange
0	2	1,862.89	1,529.14		272074	181	196	Orange
0	2	1,256.66	1,406.38		101163	116	126	Orange
0	2	1,270.67	1,474.92		114446	13	23	Orange
0	2	1,308.61	1,426.37		223661	65	75	Orange
0	2	2,204.12	1,589.79		2180670	13	34	Empty
0	2	2,170.14	1,977.15		7277880	45	64	Empty
0	2	1,961.98	1,764.87		2.36E+12	15	34	Empty
0	2	1,303.76	1,663.86		9788700	116	127	Empty

0	2	1,586.77	1,452.80		73,074.30	151	163	Empty
0	2	835.4673	1,177.95		281829	11	17	Empty
0	2	1,224.52	1,421.43		109665	92	100	Empty
0	2	1,600.79	1,486.24		228701	33	46	Empty
0	2	1,393.65	1,410.32		174019	208	219	Empty
0	2	1,684.82	1,565.79		447471	19	32	Empty
0	2	1,866.91	1,499.31		67,549.60	79	96	Empty
0	2	1,420.80	1,659.67		387022	97	108	Empty
0	2	1,850.99	1,747.75		47,430.10	15	31	Empty
0	2	1,515.70	1,309.65		96,470.80	170	182	Empty
0	2	1,489.70	1,373.70		1599760	71	83	Empty
0	2	1,697.72	1,365.63		717577	108	123	Empty
0	2	1,995.06	1,535.47		811862	92	107	Empty
0	2	1,340.64	1,445.95		925962	143	153	Empty
0	2	1,689.88	1,595.86		242241	48	62	Empty
0	2	1,051.58	1,605.50		444360	63	70	Empty
0	2	1,161.63	1,562.11		231882	216	226	Empty
0	2	1,637.73	1,581.95		67,693.70	94	107	Empty
0	2	2,066.07	1,907.32		27,491.80	42	59	Empty
0	2	1,826.93	2,025.43		3.90E+12	142	158	Empty
1	2	3,137.60	2,025.50		2.23E+12	110	141	Empty
0	2	1,155.64	1,411.51		1.48E+12	197	209	Empty
0	2	1,529.87	1,592.30		399474	197	212	Empty
0	2	1,283.73	1,217.11		4683310	196	209	Empty
0	2	1,372.77	1,763.75		2.44E+12	98	109	Empty
0	2	999.4311	1,054.50		5450410	41	49	Empty
0	2	3,248.64	2,013.03		6208290	165	195	Empty
0	2	1,859.01	1,533.47		4698460	93	109	Empty
0	2	1,819.03	1,601.99		87,976.40	108	126	Empty
0	2	1,762.86	1,492.16		104416	157	173	Empty
0	2	1,953.94	1,837.41		429627	52	68	Empty
0	2	1,611.94	1,607.21		374999	22	38	Empty
0	2	2,315.24	1,877.65		330066	127	150	Empty
0	2	2,675.32	1,887.14		22,318.70	73	98	Empty
0	2	970.5681	1,294.00		610757	100	107	Empty
0	2	1,348.72	1,483.21		462503	39	51	Empty
0	2	906.468	1,167.24		437708	94	101	Empty
0	2	2,365.27	1,831.07		134979	69	90	Empty
0	2	967.4733	1,111.62		132747	161	168	Empty
0	2	1,484.76	1,486.04		501872	11	22	Empty
0	2	1,489.70	1,118.95		2812790	160	173	Empty
0	2	915.4935	1,245.54		2973480	144	151	Empty
0	2	1,417.66	1,400.10		3092980	178	189	Empty
0	2	1,393.66	1,158.71		5642900	67	79	Empty
0	2	1,385.77	1,276.83		198533	115	126	Empty
0	2	1,972.07	1,617.79		429757	127	143	Empty

0	2	1,143.64	1,270.32		3451740	117	126	Empty
0	2	1,489.70	1,355.79		941576	71	83	Empty
0	2	1,681.73	1,346.95		406016	108	123	Empty
0	2	1,340.64	1,436.10		146680	143	153	Empty
0	2	1,689.88	1,606.85		471343	48	62	Empty
0	2	1,496.74	1,358.91		93,926.70	142	153	Empty
0	2	1,051.58	1,612.62		522366	63	70	Empty
0	2	1,264.66	1,322.20		4347890	80	92	Empty
0	2	1,522.74	1,504.40		1833370	100	113	Empty
0	2	1,302.61	1,201.18		4873430	70	81	Empty
0	2	842.5346	1,367.50		3963890	32	39	Empty
0	2	1,034.57	1,134.68		1083350	100	108	Empty
0	2	1,543.79	1,186.58		471681	68	81	Empty
0	2	791.451	1,135.48		1080600	102	108	Empty
0	2	1,281.68	1,489.83		4582690	82	93	Empty
0	2	2,053.07	1,796.24		7545500	49	67	Empty
0	2	949.5025	1,114.32		404458	94	101	Empty
0	2	1,721.94	1,367.78		212617	94	108	Empty
0	2	960.5109	1,106.54		339946	62	70	Empty
0	2	1,329.72	1,583.38		171123	121	132	Empty
0	2	1,169.56	1,455.40		187520	107	116	Empty
0	2	1,123.57	1,248.74		362338	133	142	Empty
0	2	950.4612	1,245.77		336977	98	106	Empty
0	2	1,018.57	1,360.97		824075	18	27	Empty
0	2	793.4203	1,318.14		404231	174	180	Empty
0	2	1,522.72	1,718.63		225200	109	121	Empty
0	2	1,578.71	1,597.07		649422	57	69	Empty
0	2	877.4778	1,413.34		459095	181	187	Empty
0	2	1,166.56	1,303.51		419099	48	56	Empty
0	2	1,014.50	1,362.14		491419	122	130	Empty
0	2	1,318.74	1,453.30		497621	20	31	Empty
0	2	1,866.91	1,508.34		92,653.70	79	96	Empty
0	2	1,420.80	1,656.06		412230	97	108	Empty
0	2	2,648.38	1,683.31		92,807.20	186	210	Empty
0	2	767.3682	1,090.41		119180	262	268	Empty
0	2	1,323.56	1,068.77		167849	288	299	Empty
0	2	798.4832	1,349.28		939090	269	275	Empty
0	2	1,299.59	1,274.32		1386680	136	147	Empty
0	2	1,259.64	1,162.59		920156	94	104	Empty
0	2	1,826.86	1,516.41		1535710	46	61	Empty
0	2	3,329.60	1,668.09		103271	107	135	Empty
0	2	2,126.94	1,344.08		487064	228	247	Empty
0	2	1,239.73	1,256.60		436899	216	227	Empty
0	2	1,371.60	1,025.91		1165440	248	259	Empty
0	2	1,788.90	1,554.84		263246	20	35	Empty
0	2	1,161.59	1,202.03		126382	36	46	Empty
0	2	1,316.66	1,391.28		1633420	150	162	Empty

0	2	1,389.74	1,391.21		2324630	226	239	Empty
0	2	1,123.59	1,430.66		580473	311	320	Empty
0	2	2,621.36	1,851.25		15,840.90	272	297	Empty
0	2	1,524.69	1,236.26		43,242.10	136	149	Empty
0	2	1,394.68	18.5344		5,742.63	298	310	Empty
0	2	823.5765	1,553.50		1295060	77	83	Empty
0	2	2,178.07	1,521.42		1326880	112	132	Empty
0	2	2,036.97	1,604.12		447265	321	338	Empty
0	2	760.42	1,224.63		266988	173	179	Empty
0	2	1,461.71	1,649.13		587845	778	789	Empty
0	2	1,042.59	1,345.21		1079880	790	799	Empty
0	2	890.4468	1,073.43		518961	800	807	Empty
0	2	1,611.71	1,212.90		165885	104	117	Empty
0	2	1,250.60	1,167.58		443693	221	231	Empty
0	2	1,833.92	1,589.09		275542	152	167	Empty
0	2	1,886.99	1,486.92		2139500	818	834	Empty
0	2	1,024.57	1,242.52		259653	143	151	Empty
0	2	1,290.71	1,362.84		304998	130	141	Empty
0	2	2,288.09	1,728.82		142247	838	856	Empty
0	2	1,237.63	1,157.61		96,410.10	77	86	Empty
0	2	935.4834	1,219.44		258749	59	66	Empty
0	2	2,170.14	1,939.33		56,661.50	45	64	Empty
0	2	1,303.76	1,538.79		392859	116	127	Empty
0	2	2,204.12	1,575.57		393809	13	34	Empty
0	2	2,170.14	1,933.44		102965	45	64	Empty
0	2	1,961.98	1,660.90		429381	15	34	Empty
0	2	1,303.76	1,539.58		233243	116	127	Empty
0	2	767.3682	1,091.18		181472	262	268	Empty
0	2	1,074.60	1,448.61		773529	227	236	Empty
0	2	2,109.05	1,501.28		65,895.40	313	331	Empty
0	2	1,323.56	1,071.20		309201	288	299	Empty
0	2	798.4832	1,354.88		876945	269	275	Empty
0	2	2,416.11	1,689.07		186063	91	112	Empty
0	2	1,111.58	1,364.90		255695	243	251	Empty
0	2	1,299.59	1,263.44		193929	136	147	Empty
0	2	1,826.86	1,493.47		126877	46	61	Empty
0	2	2,127.92	1,342.25		34,908.80	228	247	Empty
0	2	1,239.73	1,249.08		1279390	216	227	Empty
0	2	885.4253	1,436.33		257964	241	247	Empty
0	2	1,788.90	1,557.12		83,161.30	20	35	Empty
0	2	1,340.58	1,203.79		96,586.40	215	225	Empty
0	2	1,437.69	1,428.35		688939	191	203	Orange
0	2	1,578.71	1,594.03		200937	57	69	Orange
0	2	1,166.56	1,308.30		255837	48	56	Orange
0	2	1,014.50	1,364.38		774703	122	130	Orange
0	2	1,055.50	1,140.16		475340	32	41	Orange

0	2	1,531.77	1,343.61		62,345.10	337	351	Empty
0	2	1,259.63	1,332.40		91,155.70	24	33	Empty
0	2	1,954.98	1,770.09		115111	91	108	Empty
0	2	866.4255	1,108.48		207276	48	54	Empty
0	2	1,316.66	1,389.41		2701570	150	162	Empty
0	2	1,139.59	1,330.23		693368	311	320	Empty
0	2	2,621.36	1,844.73		138836	272	297	Empty
0	2	1,524.69	1,207.96		3245630	136	149	Empty
0	2	1,394.68	1,263.23		2257510	298	310	Empty
0	2	823.5765	1,537.96		2413460	77	83	Empty
0	2	2,178.07	1,527.36		3143090	112	132	Empty
0	2	2,155.15	1,703.48		146632	240	260	Empty
0	2	2,036.97	1,684.29		233925	321	338	Empty
0	2	1,429.72	1,837.50		346782	778	789	Empty
0	2	1,042.59	1,331.78		762611	790	799	Empty
0	2	1,615.77	1,464.48		55,371.10	292	305	Empty
0	2	1,611.71	1,216.37		107431	104	117	Empty
0	2	1,833.92	1,580.24		137086	152	167	Empty
0	2	1,886.99	1,486.15		160785	818	834	Empty
0	2	1,290.71	1,361.57		248143	130	141	Empty
0	2	2,288.09	1,732.13		63,586.70	838	856	Empty
0	2	1,881.97	1,711.44		109663	21	35	Empty
0	2	1,026.63	1,411.72		685195	89	97	Empty
0	2	1,826.93	1,657.86		6226760	142	158	Empty
0	2	1,155.64	1,319.19		1808610	197	209	Empty
0	2	1,283.73	1,208.89		168089	196	209	Empty
0	2	1,372.77	1,602.13		2251000	98	109	Empty
0	2	999.4311	1,100.26		360390	41	49	Empty
0	2	1,859.01	1,508.97		599721	93	109	Empty
0	2	2,437.20	1,565.43		863924	151	173	Empty
0	2	1,819.03	1,601.66		152034	108	126	Empty
0	2	1,763.85	1,497.23		447660	157	173	Empty
0	2	2,315.24	1,886.00		580321	127	150	Empty
0	2	970.5681	1,291.29		619979	100	107	Empty
0	2	2,280.13	1,711.14		1989120	50	71	Orange
0	2	1,971.88	1,984.97		492898	70	86	Empty
0	2	1,211.54	1,424.14		550937	61	69	Empty
0	2	1,654.89	2,067.77		88,019.30	134	147	Empty
0	2	1,262.64	1,151.53		182032	109	118	Empty
0	2	3,285.64	2,228.30		13,081.00	119	147	Empty
0	2	906.468	1,178.90		324015	94	101	Empty
0	2	935.5198	1,485.20		250389	6	14	Empty
0	2	1,174.61	1,366.51		764584	26	36	Empty
0	2	2,365.27	1,854.01		604375	69	90	Empty
0	2	2,522.35	1,765.38		167248	69	91	Empty
0	2	1,164.60	1,519.73		195917	106	115	Empty
0	2	939.4529	1,098.22		143833	135	142	Empty

0	2	1,861.91	1,549.91		56,560.00	42	58	Empty
0	2	1,664.93	1,552.56		87,107.20	116	131	Empty
0	2	1,506.71	1,314.57		50,487.90	245	258	Empty
0	2	2,691.44	1,873.49		99,106.00	259	283	Empty
0	2	1,094.51	1,370.85		386333	86	94	Empty
0	2	1,057.56	1,235.40		175970	106	115	Orange
0	2	1,486.81	1,690.58		338795	36	48	Orange
0	2	1,433.64	1,174.24		125942	25	36	Empty
0	2	1,484.76	1,474.66		216824	11	22	Empty
0	2	1,751.93	1,403.58		402006	41	55	Empty
0	2	1,138.58	1,516.72		212680	45	54	Empty
0	2	1,266.67	1,399.02		161491	45	55	Empty
0	2	1,181.55	1,200.23		283806	48	58	Orange
0	2	1,237.63	1,157.76		516606	77	86	Orange
0	2	935.4834	1,215.60		309226	59	66	Orange
0	2	1,489.70	1,096.26		119404	160	173	Empty
0	2	797.4303	1,293.17		524151	153	159	Empty
0	2	1,417.66	1,401.82		850170	178	189	Empty
0	2	1,393.66	1,126.08		354728	67	79	Empty
0	2	1,973.05	1,620.28		88,858.40	127	143	Empty
0	2	1,143.64	1,246.49		769970	117	126	Empty
0	2	1,489.70	1,383.49		1161260	71	83	Empty
0	2	1,697.72	1,376.16		513078	108	123	Empty
0	2	1,995.06	1,546.15		391960	92	107	Empty
0	2	1,340.64	1,432.17		141277	143	153	Empty
0	2	1,689.88	1,624.72		168193	48	62	Empty
0	2	1,496.74	1,363.17		262281	142	153	Empty
0	2	1,051.58	1,603.00		736797	63	70	Empty
0	2	1,265.65	1,364.00		136506	80	92	Empty
0	2	1,522.74	1,490.99		100565	100	113	Empty
0	2	1,302.61	1,207.58		261412	70	81	Empty
0	2	842.5346	1,357.41		321698	32	39	Empty
0	2	1,034.57	1,122.45		188646	100	108	Empty
0	2	1,280.70	1,441.79		413701	82	93	Empty
0	2	2,053.07	1,772.70		159539	49	67	Empty
0	2	950.4612	1,245.04		491269	98	106	Empty
0	2	1,018.57	1,376.53		510200	18	27	Empty
0	2	1,399.70	1,667.68		424143	87	97	Empty
0	2	767.3682	1,072.54		248363	262	268	Empty
0	2	1,074.60	1,444.18		1066360	227	236	Empty
0	2	2,109.05	1,496.20		59,378.90	313	331	Empty
0	2	1,323.56	1,047.06		632921	288	299	Empty
0	2	798.4832	1,358.32		501707	269	275	Empty
0	2	2,417.09	1,676.50		39,118.40	91	112	Empty
0	2	1,127.58	1,251.53		165365	243	251	Empty
0	2	1,015.47	1,187.96		1483500	280	287	Empty

0	2	1,866.91	1,501.24		499517	79	96	Empty
0	2	1,420.80	1,652.89		466300	97	108	Empty
0	2	1,528.82	1,784.05		75,122.60	118	131	Empty
0	2	1,678.84	1,581.97		270705	226	240	Empty
0	2	1,340.58	1,210.23		130544	215	225	Empty
0	2	1,437.69	1,405.73		476672	191	203	Empty
0	2	793.4203	1,304.96		375161	174	180	Empty
0	2	1,522.72	1,715.23		279748	109	121	Empty
0	2	1,055.50	1,116.92		187916	32	41	Empty
0	2	1,733.89	1,772.61		77,294.00	78	94	Empty
0	2	1,816.93	1,312.44		37,533.40	299	316	Empty
0	2	1,259.63	1,324.31		287804	24	33	Empty
0	2	1,954.98	1,768.19		103372	91	108	Empty
0	2	866.4255	1,096.95		309523	48	54	Empty
0	2	1,316.66	1,378.75		139055	150	162	Empty
0	2	1,524.69	1,190.30		127041	136	149	Empty
0	2	1,394.68	1,279.40		370104	298	310	Empty
0	2	823.5765	1,527.23		662766	77	83	Empty
0	2	2,872.54	1,689.96		143074	85	111	Empty
0	2	2,178.07	1,509.67		397964	112	132	Empty
0	2	2,036.97	1,589.44		222129	321	338	Empty
0	2	2,403.10	1,545.46		388371	377	398	Empty
0	2	1,611.71	1,208.93		39,091.60	104	117	Empty
0	2	1,834.91	1,577.52		106206	152	167	Empty
0	2	2,597.25	1,698.00		22,936.20	303	326	Empty
0	2	1,533.75	1,517.18		586918	290	302	Empty
0	2	1,252.68	1,636.86		123227	371	381	Empty
0	2	2,296.05	1,623.72		117343	36	54	Empty
0	2	1,881.97	1,735.83		104866	21	35	Empty
0	2	1,026.63	1,426.93		507538	89	97	Empty
0	2	1,826.93	1,647.72		1162500	142	158	Empty
0	2	1,155.64	1,311.56		716024	197	209	Empty
0	2	2,437.20	1,563.97		170188	151	173	Empty
0	2	1,738.83	1,752.40		66,801.30	6	21	Empty
0	2	1,611.94	1,607.43		190504	22	38	Empty
0	2	2,315.24	1,870.89		169754	127	150	Empty
0	2	1,971.88	2,008.15		91,821.30	70	86	Empty
0	2	2,170.14	1,935.11		58,977.80	45	64	Empty
0	2	1,961.98	1,633.01		307233	15	34	Empty
0	2	1,303.76	1,543.96		310635	116	127	Empty
0	2	1,148.60	1,620.76		244929	106	115	Empty
0	2	939.4529	1,082.74		88,350.90	135	142	Empty
0	2	1,860.93	1,545.43		108942	42	58	Empty
0	2	1,664.93	1,545.28		132222	116	131	Empty
0	2	1,165.55	1,300.62		570245	48	58	Empty
0	2	1,237.63	1,175.32		235759	77	86	Empty
0	2	1,064.57	1,288.37		254253	68	76	Empty



0	2	935.4834	1,206.29		215690	59	66	Empty
0	2	1,489.70	1,062.43		70,238.70	160	173	Empty
0	2	1,377.67	1,186.30		78,500.40	67	79	Empty
0	2	1,143.64	1,249.37		392164	117	126	Empty
0	2	1,303.59	1,194.25		122999	70	81	Empty
0	2	842.5346	1,354.48		311915	32	39	Empty
0	2	1,034.57	1,107.09		96,814.80	100	108	Empty
0	2	2,053.07	1,774.19		184358	49	67	Empty
0	2	1,437.69	1,407.80		126982	191	203	Empty
0	2	793.4203	1,301.70		156468	174	180	Empty
0	2	1,055.50	1,114.22		283890	32	41	Empty
0	2	2,171.13	1,936.47		45,361.50	45	64	Empty
0	2	1,961.98	1,642.04		249222	15	34	Empty
0	2	767.3682	1,084.92		255630	262	268	Empty
0	2	1,074.60	1,422.75		631177	227	236	Empty
0	2	2,109.05	1,506.48		71,005.90	313	331	Empty
0	2	1,015.47	1,173.13		548061	280	287	Empty
0	2	1,678.84	1,608.83		89,058.80	226	240	Empty
0	2	1,340.58	1,201.27		90,200.70	215	225	Empty
0	2	1,762.86	1,489.63		431036	157	173	Empty
0	2	1,953.94	1,837.56		1062370	52	68	Empty
0	2	1,738.83	1,734.71		294869	6	21	Empty
0	2	2,315.24	1,865.60		26,264.30	127	150	Empty
0	2	1,826.93	1,671.30		937885	142	158	Empty
0	2	1,155.64	1,325.52		3449380	197	209	Empty
0	2	1,283.73	1,186.78		448055	196	209	Empty
0	2	1,372.77	1,578.89		414468	98	109	Empty
0	2	823.5765	1,529.08		689726	77	83	Empty
0	2	2,178.07	1,509.32		91,082.30	112	132	Empty
0	2	2,403.10	1,563.30		995143	377	398	Empty
0	2	1,020.57	1,479.90		313021	174	182	Empty
0	2	1,280.70	1,417.44		292649	82	93	Empty
0	2	2,054.06	1,802.61		24,962.30	49	67	Empty
0	2	1,115.57	1,242.41		394858	77	86	Empty







































































