

Lz4W Paeruginosa	M ATG M	A GCT A	L CTC L	S AGT K	K AAA K	E GAA E	A GCC G	P CCG P	G GGG E	F TTT F	D GAC D	I ATC H	D GAC D	D GAT D	E GAG E	V GTG V	L CTC L	L CTT L	M ATG L	D GAC E	S TCC P	G GGC G	I ATC I	D GAT M	S AGC L	D GAC D	L TTG E	M ATG S	S TCA T	E GAA GCC	D GAC GAC	D GAC GAC	E GAA Q	S TCA CCT
Lz4W Paeruginosa	T ACC S	P CCT P	T ACT R	A GCC A	R CGC T	T ACC P	K AAG L	S TCC A	K AAA T	K AAA T	A GCG S	T ACC S	A GCT S	T ACA S	K AAA S	Q CAG Q	H CAC H	K AAG K	Y TAC H	I ATT I	D GAC D	Y TAC Y	T ACC T	R CGC R	A GCG G	L CTC L	D GAT D	A GCG G	T ACC A	Q CAG T	L CTG L	Y TAT Y	L CTC L	N AAT N
Lz4W Paeruginosa	E GAA GAA E	I ATT ATC I	G GGC GGT G	F TTT TTC F	S TCT TCG S	P CCG CCC P	L TTA CTG L	L CTC TTG L	T TCC ACG T	P CCA CCC P	E GAA GAG E	E GAA GAA E	V GTT GTC V	H CAT CAC H	F TTC GCT F	A TTT GCG A	R GCG CGT R	L TTG CTG L	S TCG GCG S	Q CAA CAG Q	S AGT AAG S	G GGA GGC G	D GAT GAT D	P CCG CCC P	A GCC GCT A	G GGG GGT G	R CGC CGG R	K AAG AAG K	Q CGC CGG Q	R AAG CGG R	M CGC CGG M	I ATG CGG I	E ATT ATC E	S GAA GAG S
Lz4W Paeruginosa	N AAC AAC N	T TTG CTG L	R CGT CGG R	L CTG TTG L	V GTG GTG V	V GTG GTG V	K AAA AAG K	I ATC ATC I	A GCC GCC A	R CGG CGG R	R CGC CGC R	Y TAT TAT Y	V GTC GTC V	N AAT AAT N	R CGC GGA R	G GGT GGA G	L CTC CTG L	S CTA CTG S	L CTG CTC L	D GAT GAC D	L CTG CTG L	I ATT ATC I	E GAA GAG E	E GAG GAG E	G GGC AAC G	N AAT CTA N	L GGA GGC L	G CTG CTG G	L ATT ATC L	I CGC ATC I	R GCA CGC R	A GTA GCC A	V GTA GTG V	
Lz4W Paeruginosa	E GAG GAG E	K AAG AAG K	F TTT TTC F	D GAT CCG D	P CCC CCG P	E GAG GAG E	R CGC CGC R	G GGT GGA G	F TTC TTC F	R CGT CGG R	F TTC TTC F	S TCG TCG S	T ACT ACC T	Y TAC TAC Y	A GCC GCC A	T ACC ACC T	W TGG TGG W	I ATC ATC I	R CGC CAG R	Q ACG ACC Q	T ATT ATC T	I GAA GAG I	E R CGG E	A A GGC A	I ATC ATC I	M ATG ATG M	N AAT AAC N	Q CAG ACC Q	T ACC CGG T	R CGC CGG R	T ACC CGG T	I ATT ATT I		
Lz4W Paeruginosa	R CGT CGC	L TTG TTG	P CCG CCG	I ATT ATT	H CAT CAT	V GTC GTG	V GTC GTG	K AAA AAG	E GAG GAG	L CTC CTC	N AAT AAC	V GTC GTC	Y TAC TAC	L TTG CTG	R GCT CGT	A GCA GCG	R GCG CGG	E GAA GAA	L CTT CTT	T ACG ACC	Q CAA AAG	K CAG AAG	L CTC CTC	D GAT GAT	H CAC CAC	E GAA GAA	P CCT CCT	S TCC TCA	P CCC CCC	E GAA GAA	E GAA GAA	I ATC ATC	A GCC GCC	
Lz4W Paeruginosa	N AAT AAC	L CTG CTG	L CTC CTC	E GAA AAG	K AAA AAG	P CCC CCG	V GTC GTC	A GCA GCC	E GAG GAG	V GTC GTC	K AAG AAG	R CGC CGC	M ATG ATG	L CTT CTT	G GGA GGC	L CTG CTG	N AAT GAA	E GAG GAA	R CGG CGG	V GTG GTG	S TCC ACT	S TCG GTG	V GAT GAT	D GTC GTC	V GTT GTT	S TCT TCT	L TTA CTT	G GGT GGC	P CCT CCG	D GAT GAT	S TCC TCC	D GAT GAT	K AAA AAG	T ACC ACC
Lz4W Paeruginosa	L CTG L	L CTC L	D GAT D	T ACC T	L CTC T	T ACA T	D GAT D	D GAT D	R CGA CGC	P CCT CCC	T ACA ACC	D GAT GAT	P CCT CCG	C TGC TGC	* TAG GAG	L CTG CTG	L CTT CTG	Q CAG CAG	D GAC GAT	D GAT GAT	D GAC GAT	S CTG CTG	S CTC CTC	Q CAA GAA	S AGT AGC	I ATC ATC	D GAT GAC	Q CAG CAG	W TGG TGG	L TTG TTG	S TCT TCT	E GAA GAA	L CTC CTC	T ACA ACC
Lz4W Paeruginosa	D GAC GAC	K AAG AAG	Q CAG CAG	R CGT CGT	E GAG GAG	V GTG GTG	V GTG GTG	I ATT ATT	R CGC CGC	R CGC CGC	F TTC TTC	G GGG GGC	L TTG TTG	R CGT CGC	G GGT GGT	H CAT CAC	E GAA GAA	S AGC AGC	S AGT AGC	T ACC ACG	L CTC CTG	E GAA GAA	D GAT GAG	V GTT GTC	G GGT GGC	L CTG CAG	E GAG GAA	I ATT ATT	G GGT GGC	L CTG CTG	T ACA ACC	C CGC CGC	E GAA GAG	R CGT CGG
Lz4W Paeruginosa	V GTT GTT	R CGG CGT	Q CAG CAG	I ATT ATC	Q CAA CAG	V GTC GTC	E GAG GAG	G GGG GCG	L CTC CTG	K AAG AAG	R CGT CGC	F TTG CTG	L CGC GAG	R GAG GAG	E ATC ATT	I CTT CTG	L GAG GAG	R CGC AAG	N AAT AAT	G GGT GGC	L TTG CTG	S TCC TCG	S AGT AGT	E GAG GAC	S TCG GCG	L CTG CTG	F TTT TTC	Q CAG CAG	* TAA TGA					
Lz4W Paeruginosa	V GTT V	R CGG R	Q CAG Q	I ATT I	Q CAA Q	V GTC V	E GAG E	G GGG A	L CTC L	K AAG K	R CGT R	L TTG L	R CGC R	E GAG E	I ATC I	L CTT L	E GAG E	K CGC K	N AAT N	G GGT G	L TTG L	S TCC S	S AGT S	E GAG D	S TCG A	L CTG L	F TTT F	Q CAG Q	* TAA *					