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<110> University of Edinburgh  
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 35 40 45

Glu Arg Ser Thr Asp Thr Thr Lys Thr His Pro Thr Ile Lys Ile Asn  
 50 55 60

Gly Tyr Thr Gly Pro Gly Thr Val Arg Ile Ser Leu Val Thr Lys Asp  
 65 70 75 80

Pro Pro His Arg Pro His Pro His Glu Leu Val Gly Lys Asp Cys Arg  
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Asp Gly Phe Tyr Glu Ala Glu Leu Cys Pro Asp Arg Cys Ile His Ser  
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Phe Gln Asn Leu Gly Ile Gln Cys Val Lys Lys Arg Asp Leu Glu Gln  
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Ala Ile Asn Gln Arg Ile Gln Thr Asn Asn Asn Pro Phe Gln Val Pro  
 130 135 140

Ile Glu Glu Gln Arg Gly Asp Tyr Asp Leu Asn Ala Val Arg Leu Cys  
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Phe Gln Val Thr Val Arg Asp Pro Ala Gly Arg Pro Leu Arg Leu Pro  
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Pro Val Leu Ser His Pro Ile Phe Asp Asn Arg Ala Pro Asn Thr Ala  
 180 185 190

Glu Leu Lys Ile Cys Arg Val Asn Arg Asn Ser Gly Ser Cys Leu Gly  
 195 200 205

Gly Asp Glu Ile Phe Leu Leu Cys Asp Lys Val Gln Lys Glu Asp Ile  
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Glu Val Tyr Phe Thr Gly Pro Gly Trp Glu Ala Arg Gly Ser Phe Ser  
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 Tyr Ala Asp Pro Ser Leu Gln Ala Pro Val Arg Val Ser Met Gln Leu  
 260 265 270  
 Arg Arg Pro Ser Asp Arg Glu Leu Ser Glu Pro Met Glu Phe Gln Tyr  
 275 280 285  
 Leu Pro Asp Thr Asp Asp Arg His Arg Ile Glu Glu Lys Arg Lys Arg  
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 Thr Tyr Glu Thr Phe Lys Ser Ile Met Lys Lys Ser Pro Phe Asn Gly  
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 Pro Thr Asp Pro Arg Pro Ala Thr Arg Arg Ile Ala Val Pro Ser Arg  
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Glu Tyr Pro Glu Ala Ile Thr Arg Leu Val Thr Gly Ser Gln Arg Pro  
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Pro Asp Pro Ala Pro Thr Pro Leu Gly Ala Ser Gly Leu Thr Asn Gly  
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20 25 30

Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Ser Met Pro Pro  
35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Ser Asp Gly Glu Asp Phe  
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20 25 30

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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Pro Met Pro Pro  
35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
65 70 75 80

Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Ser Asp Gly Glu Asp Phe  
85 90 95

Ser Ser Ile Ala Asp Met  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Ser Met Pro Pro  
35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Pro Asp Gly Glu Asp Phe  
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Ser Ser Ile Ala Asp Met  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Pro Met Pro Pro  
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His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Ser Asp Gly Glu Asp Phe  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Ser Met Pro Pro  
35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Pro Asp Gly Glu Asp Phe  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Pro Met Pro Pro  
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His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Pro Asp Gly Glu Asp Phe  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Pro Met Pro Pro  
35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
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Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Pro Asp Gly Glu Asp Phe  
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Asn Ser Glu Phe Gln Gln Leu Leu Asn Gln Gly Val Ser Met Pro Pro  
 35 40 45

His Thr Ala Glu Pro Met Leu Met Glu Tyr Pro Glu Ala Ile Thr Arg  
 50 55 60

Leu Val Thr Gly Ser Gln Arg Pro Pro Asp Pro Ala Pro Thr Pro Leu  
 65 70 75 80

Gly Ala Ser Gly Leu Thr Asn Gly Leu Leu Ser Asp Gly Glu Asp Phe  
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