



threonylvalylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylvalylvalylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginylvalylaspartylaspartylalanylthreonylvalylalanylisoleucylarginylserylalanylasparginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylisoleucylcysteinylprolylprolylaspartylalanylasparylaspartylalanylproylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglucylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamylasparaginylarginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglucylsoleucylserylalanylproylaspartylglutamylvalyllysylalanylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutamylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylpolylyserylglutamylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanylserylglutamylvalyltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylprolylglucylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylvalylprolylglutamylphenylalanylvalyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylisoleucylcysteinylprolylprolylaspartylalanylasparylaspartylalanylproylleucylleucylarginylglutaminylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutamylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylpolylyserylglutamylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylisoleucylcysteinylprolylprolylaspartylalanylasparylaspartylalanylproylleucylleucylarginylglutaminylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglucylsoleucylserylalanylproylalanylprolylaspartylglutamylvalyllysylalanylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutamyltyrosyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglucylsoleucylserylalanylproylalanylprolylglutamylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanylserylglutamylvalyltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylprolylglucylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylvalylarginylphenylalanylprolylglucylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylglutamylthreonylleucylaspartylalanylthreonylarginylvalylvalylaspart

ylaspartylalanylthreonylvalylalanylsoleucylarginylserylalanylparaginylisoleucylasparaginylleucylval  
ylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparagi  
nylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproyl  
alanylitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylmetionylthreonylthr  
eonylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylleucyllysylglutamylarginy  
llysylglutamylglycylalanylphenylalanylvalylproylphenylalanylvalylthreonylleucylglycylaspartylprolylglyc  
yisoleucylglutamylglutamylserylleucyllysylisoleucylaspartylthreonylleucylglutamylalanylglyc  
ylalanylaspartylalanylleucylglutamylleucylglycylisoleucylproylphenylalanylserylaspartylproylleucylala  
nylaspartylglycylproylthreonylisoleucylglutaminylasparaginylalanylthreonylleucylarginyllalanylphenylal  
anylalanylalanylglycylvalylthreonylproylalanylglutaminylcysteinylphenylalanylglutamylmethionylleucyl  
alanylleucylisoleucylarginylglutaminyllsylhistidylproylthreonylisoleucylprolylisoleucylglycylleucylleucy  
Imethionyltyrosylalanylasparaginylleucylvalylphenylalanylparaginyllysylglycylisoleucylaspartylgluta  
mylphenylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalylaspartylserylvalylleucylval  
ylalanylaspartylvalylprolylvalylglutamylglutamylserylalanylproylphenylalanylarginylglutamylalanyl  
lanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylproylproyl  
aspartylalanylaspartylaspartylaspartylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylargi  
nylglycyltyrosylthreonyltyrosylleucylleucylserylarginyllalanylglucylvalylthreonylglycylalanylglutamylasp  
araginylarginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyl  
tyrosylasparaginylalanylalanylproylprolylleucylglutaminylglycylphenylalanylglucylisoleucylserylalanyl  
rolylaspartylglutaminylvalyllysylalanylalanylsoleucylaspartyllalanylglucylalanylalanylglucylalanylsoleu  
cylserylglycylserylalanylisoleucylvalyllysylisoleucylglutamylglutaminylhistidylasparaginylisole  
ucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylp  
rolylmethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglu  
taminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylserylprolylisoleucylglutam  
ylleucylleucylasparaginylvalylcysteinylthreonylserylsoleucylglycylasparaginylglutaminylphenylalanyl  
glutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutamin  
ylphenylalanylserylglutaminylvalyltryptophyllsylproylphenylalanylproylglutaminylserylthreonylvalylar  
ginylphenylalanylproylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleu  
cylaspartylproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylar  
ginylasparaginylarginylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylpr  
oilythreonylthreonylalanylglutamylthreonylleucylaspartyllalanylthreonylarginylarginylvalylaspartylaspar  
tylalanylthreonylvalylalanylsoleucylarginylserylalanylparaginylisoleucylasparaginylleucylvalylaspar  
aginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthre  
onylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylalanyliti  
nmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylproylproyla  
spartyllalanylaspartylaspartyllleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylargin  
ylglycyltyrosylthreonyltyrosylleucylserylarginyllalanylglucylvalylthreonylglycylalanylglutamylaspar  
aginylarginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamylt  
rosylasparaginylalanylproylproylleucylglutaminylglycylphenylalanylglucylisoleucylserylalanylpro  
lylaspartylglutaminylvalyllysylalanylalanylsoleucylaspartyllalanylglucylalanylalanylglucylalanylsoleucyl  
serylglycylserylalanylisoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucy  
lglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylproly  
Imethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylgluta  
minylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspartylprolylisoleucylglutamyll

eucylleucylasparaginylvalylcysteinylthreonylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylglutaminylalanylarginylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylyprolylsoleucylisoleucylthreonylalanyleucylglycylthreonylphenylalanylaspartylythreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylsoleucylaspartylyalanylthreonylarginylvalylaspartylyaspartylyalanylthreonylvalylalanylisoleucylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglutamylglycylthreonylglucylleucyltyrosylasparaginylglutaminylglutaminylserylthreonylpheenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanlysoleucylcysteinylprolylprolylaspartyalanylaspartylaspartylaspartylleucylleucylarginylglutaminylisoleucylalanyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglutamylvalylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyalanylglutamylvalylvalyllysylalanlysoleucylaspartyalanylglycylalanylglutamylglycylalanylisoleucylseryglycylserylalanylsoleucylvalyllysylisoleucylglutamylglutamylhistidylleucylvalylalanlyllysylleucyllysylglutamyltyrosylasparaginylalanylalanlylprolylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyalanylglutamylvalylvalyllysylalanlysoleucylaspartyalanylglycylalanylglutamylglycylalanylisoleucylseryglycylserylalanylsoleucylvalyllysylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylamylprolylglutamyllysylmethionylleucylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminyphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspartyprolylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylyprolylleucylisoleucylthreonylalanyleucylleucylarginylglutamylvalylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylglutamylvalylvalyllysylmethionylleucylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionylglutaminylarginyltyrosylglutamylserylisoleucylvalyltryptophylthreonylserylprolylserylglutaminyphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspartyprolylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylyprolylleucylisoleucylthreonylalanyleucylleucylarginylglutamylvalylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylglutamylvalylvalyllysylmethionylleucylalanylleucyllysylvalyltryptophylthreonylserylprolylprolylserylalanylglutamylarginyltyrosylglutamylserylalanylsoleucylvalyltryptophylalanylleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylyprolylleucylisoleucylthreonylalanyleucylleucylarginylglutamylvalylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylglutamylvalylvalyllysylmethionylleucylalanylleucyllysylvalyltryptophylthreonylserylprolylprolylserylglutaminyphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspartyprolylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutamylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylaspartyly

proylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylspartylthreonylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylproylthreonyltreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginylvalylaspartylaspartylaspartyalanylthreonylvalylalanylsoleucylarginylseryllalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylleucyllysylglutamylarginyllsylglutamylglycylalanylphenylalanylvalylproylphenylalanylvalylthreonylleucylglycylaspartylproylglycylisoleucylglutamylglutaminylserylleucyllysylisoleucylaspartylthreonylleucylisoleucylglutamylalanylglucylalanylaspartyllalanyllyeucylglutamylleucylglycylisoleucylproylphenylalanylserylaspartylproylleucylalanylaspartylglycylprolyltreonylisoleucylglutamylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylglucylvalylthreonylproylalanylglutamylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylarginylglutamyllysylhistidylproylthreonylisoleucylproylisoleucylglycylleucylleucylmethionyltyrosylalanylparaginylleucylvalylphenylalanylparaginyllysylglycylisoleucylaspartylglutamylphenylalanyltyrosylalanylglutamylcysteinylglutamyllysylvalylglycylvalylaspartylserylleucylvalylalanylaspartylvalylprolylvalylglutamylglutamylseryllalanylproylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylproylproylaspartyllalanylaspartylaspartyllaspartylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonylyrosylleucylleucylseryllarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanyleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylsleucylserylalanylproylaspartylglutaminyvalyllysylalanylalanylsoleucylvalylisoleucylisoleucylglutamylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylproylmethionyllysylalanylalanylthreonylarginylacetyseryltyrosylserylisoleucylthreonylserylproylserylglutamylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylparaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylleucylglycylparaginylglutamylphenylalanylglutaminylphenylalanylserylglutamylvalyltryptophyllsylproylphenylalanylproylglutamylserylthreonylvalylarginylphenylalanylproylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylproylleucyliso leucylthreonylalanylleucylleucylglycylthreonylphenylalanylparaspartylthreonylarginylasparaginylarginyliso leucylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylproylthreonylthreonylalanylglutamylthreonylalanylleucylaspartyllalanylthreonylarginylarginylvalylaspartylaspartyllaspartyllalanylglutamylvalylsoleucylaspartyllalanylthreonylarginylarginylvalylaspartylaspartyllaspartyllaspartylleucylleucylarginylglutamylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutamylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylsoleucylcysteinylproylaspartyllalanylaspartylaspartylaspartylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylseryllarginylalanylglycylvalylthreonylglycylalanylglutamylvalyllysylleucyllysylsleucylserylalanylproylaspartylglutamylvalylprolylproylleucylglutamyllysylalanylalanylsoleucylvalylisoleucylisoleucylglutamylhistidylasparaginylisoleucylglutamylproylglutamyllysyl

ylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalan  
ylthreonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphe  
nylalanylleucylserylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucylasparaginylval  
ylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutamin  
ylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutamin  
ylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglyc  
ylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleu  
cylthreonylalanylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylisoleu  
cylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglut  
amylthreonylleucylaspartylalanylthreonylarginylvalylaspartylaspartylalanylthreonylvalylalanyliso  
leucylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylargin  
ylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylseryl  
methionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanylprolyltitinmethionylglutaminylarginylt  
yrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartylalanylaspertylasparty  
aspertylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosyl  
leucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleuc  
ylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanyl  
yalanylalanylsoleucylaspartylalanylglycylalanylalanylglucylalanylsoleucylserylglycylserylalanylisoleu  
cylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysyl  
methionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylth  
reonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylpheny  
lalanylleucylserylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucylasparaginylvalylc  
ysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylgl  
utaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylv  
alytryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylas  
partyvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleucylt  
hreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylisoleucyli  
soleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutam  
ylthreonylleucylaspartylalanylthreonylarginylvalylaspartylaspartylalanylthreonylvalylalanylisoleu  
cylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylgl  
ycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmet  
hionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanylprolyltitinmethionylglutaminylarginyltyros  
ylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartylalanylaspertylaspertylasp  
artylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleu  
cylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalucylp  
rolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylpro  
ylprolylleucylglutaminylglycylphenylalanylglucylisoleucylserylalanylprolylaspartylglutaminylvalyllysylal  
anylalanylsoleucylaspartylalanylglycylalanylalanylglucylalanylsoleucylserylglycylserylalanylisoleucylv  
allylysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmet  
hionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthre  
onylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylala  
nnylleucylserylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucylasparaginylvalylcyst  
einylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylglutaminylthreonylglutaminylgluta

minylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyl  
tryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspar  
tylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleucylthre  
onylalanyleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginylisoleucylisol  
eucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylth  
reonylleucylaspartylalanylthreonylarginylvalylaspartylaspartylalanylthreonylvalylalanyleucyl  
arginylserylalanylasparaginylsoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglyc  
ylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethi  
onylserylglycylleucylvalyltryptophylthreonylseryllalanylprolylalanltitinmethionylglutaminylarginyltyrosyl  
glutamylserylleucylphenylalanylmethionylthreonylglutaminylarginyltyrosylglutamylseryll  
eucylphenylalanyleucyllysglycylglutamylarginyllysylglutamylglycylalanylphenylalanyleucyl  
prolylphenylalanyleucylthreonylleucylglycylaspartylprolylglycylisoleucylglutamylglutaminylserylleucyly  
sylsoleucylaspartylthreonylleucylleucylglutamylglycylalanyleucylaspartyllglycylprolylthreonylisoleucylglu  
tamylasparaginylalanyleucylarginylalanyleucylphenylalanyleucylalanyleucylglycylvalylthreonylprolylal  
anyglutamylcysteinylphenylalanyleutamylmethionylleucylalanyleucylisoleucylarginylglutamyllysyl  
histidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalanyleparaginylleucylv  
alylphenylalanyleparaginyllysylglycylsoleucylaspartylglutamylphenylalanyleucylalanyleucylglutamylcys  
teinylglutamyllysylvalylglycylvalylaspartylserylvalylleucylvalylalanyleucylaspartylvalylprolylvalylglutamylgl  
utamylserylalanylprolylphenylalanylarginylglutaminylalanyleucylarginylhistidylasparaginylvalylal  
anylprolylisoleucylphenylalanyleucylcysteinylprolylprolylaspartyllalanyleparaspartyllaspartyllleuc  
ylleucylarginylglutamylisoleucylalanyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanyleucylvalylthreonylglycylalanyleucylglutamylasparaginylarginylalanyleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanyleucylprolylprolyl  
eucylglutamylglycylphenylalanyleucylisoleucylserylalanylprolylaspartyllglutamylvalyllysylalanylan  
lysoleucylaspartyllalanyleucylalanyleucylalanyleucylisoleucylserylglycylserylalanyleucylvalyllysyl  
soleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylle  
ucylalanyleucyllysglycylvalylphenylalanyleutamylprolylmethionyllysylalanylanlthreonylargin  
ylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanyleutamylphenylalanyleuc  
ylserylserylvalyltryptophylalanyleaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycylasparaginylglutaminylphenylalanyleutamylglutaminylthreonylglutaminylglutamylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyleucylglutaminylvalyltryptop  
hylysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanyleucylprolylglycylaspartylvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanyleucylaspartylprolylleucylisoleucylthreonyl  
anyleucylleucylglycylthreonylphenylalanyleaspartylthreonylarginylasparaginylarginylisoleucylisoleucyl  
lutamylvalylglutamylasparaginylglutaminylserylprolylthreonylthreonylthreonylalanyleucylprolyl  
eucylaspartyllalanyleucylarginylvalylaspartyllalanyleucylvalylthreonylvalylalanyleucylarginyl  
serylalanyleparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthre  
onylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanyleucylglutamylserylmethionylser  
ylglycylleucylvalyltryptophylthreonylseryllalanylprolylalanltitinmethionylglutaminylarginyltyrosylglutam  
ylserylserylphenylalanyleucylcysteinylprolylprolylaspartyllalanyleparaspartyllaspartyllleuc  
ylleucylarginylglutamylisoleucylalanlyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanyleucylvalylthreonylglycylalanyleucylglutamylasparaginylarginylalanyleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanyleucylprolylprolyl

eucylglutaminylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalan  
yisoleucylaspartylalanylglycylalanylalanylglcyclalanylsoleucylserylglycylserylalanylsoleucylvalyllysyl  
soleucylisoleucylglutamylglutaminylhistidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylle  
ucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllysylalanylalanylthreonylargi  
nylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylphenylalanylserylglutaminylvalyltryptop  
hylysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartyvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleucylthreonylal  
anylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylisoleucylisoleucylg  
lutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonyll  
eucylaspartylalanylthreonylarginylarginylvalylaspartylaspartylalanylthreonylvalylalanylisoleucylarginyl  
serylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreo  
nylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylser  
ylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutam  
ylserylleucylphenylalanylisoleucylcysteinylprolylproylaspartylalanylaspertylaspartyllleuc  
ylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyl  
eucylglutaminylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalan  
yisoleucylaspartylalanylglycylalanylalanylglcyclalanylsoleucylserylglycylserylalanylsoleucylvalyllysyl  
soleucylisoleucylglutamylglutaminylhistidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylle  
ucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllysylalanylalanylthreonylargi

nylacetylseryltyrosylserylisoleucylthreonylserylproylserylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonyserylseryleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglycaspartyvalytyrosyllsylvalyltyrosyllarginyltyrosylasparaginylalanylvalylleucylaspartyprolylleucylisoleucylthreonylalanylarginylvalyltyrosylvalyltyrosyllarginylvalylaspartyvalylprolylglucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartythreonylarginylvalylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylparaginylglutaminylglutaminylserylproylthreonylthreonylalanylglutamylthreonyneucylaspartyvalylthreonylarginylarginylvalylaspartyvalylprolylthreonylalanylarginylvalylisoleucylarginylserylalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylparaginylthreonylphenylalanylglutamylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanylarginylmethionylglutaminylarginyltyrosylglutamylserylleucylphensylalanylalanylglutaminylleucyllysylglutamylarginyllysylglutamylglycylalanylphenylalanylvalylprolylphensylalanylvalylthreonylleucylglycaspartyprolylglycylisoleucylglutamylglutaminylserylleucyllysylsoleucylaspartythreonylleucylglutamylalanylglycylalanylaspartyvalylleucylglutamylleucylglycyliso leucylprolylphenylalanylserylaspartyprolylleucylalanylaspartylglycylprolylthreonylisoleucylglutaminylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylglucylvalylthreonylprolylalanylglutamylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylarginylglutaminyllysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalanylasparaginylleucylvalylphenylalanylparaginyllysylglycylvalylglycylisoleucylaspartyglutamylphenylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalylglycylvalylaspartyvalylleucylvalylalanylprolyrlalanylprolylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylaspartyvalylaspartyvalylleucylleucylararginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylprolylhistidylleucylvalylvalyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyleucylglutamyllysylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartylalanylglycylalanylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutamylhistidylalanylleucyllysylvalylphenylalanylvalylglutamylmethionylprolylmethionyllysylalanylthreonylarginylacetyseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylphenylalanylphenylalanylvalylleucylserylserylvalyltryptophylthreonylserylalanylproylalanylarginylmethionylglutaminylarginyltyrosylglutamylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanylarginylmethionyllysylalanylvalylprolylprolylglycaspartyvalyltyrosylvalyllysyl

glutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanlylleucylproylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanlylproylproylleucylglutamylglycylphenylalanlylglycylisoleucylserylalanlylproylaspartylglutaminylvalyllysylalanlylisoleucylaspartylalanlylglycylalanylglucylserylalanlylisoleucylglycylserylalanlylisoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanlyleucyllsylvalylphenylalanlylproylmethionyllysylalanlylthreonylarginylacetylseryltryosylserylsoleucylthreonylserylproylserylglutaminylphenylalanlylvalylphenylalanlylleucylserylvalyltryptophylalanlylaspartylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlylglutamylthreonylglutaminylglutaminylalanlylarginylthreonylglutaminylvalylglutaminylalanlylproylmethionyllysylalanlylproylglutamyllysylproylphevalylalanlylproylglutaminylserylthreonylvalylarginylphenylalanlylproylglucylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanlylvalylleucylaspartylproylleucylisoleucylthreonylalanlylleucylleucylglycylthreonylphenylalanlylaspartylthreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylserylproylphénylasparaginylglutaminylasparaginylthreonylphenylalanlylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlylproylalanlyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanlylalanlysoleucylcysteinylproylproylaspartylalanlylaspartylaspartylalanlylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanlylglutamylasparaginylarginylalanlylleucylproylleucylproylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanlylalanlylproylproylleucylglutamylglucylphenylalanlylglycylisoleucylserylalanlylproylaspartylglutaminylvalyllysylalanlylisoleucylaspartylalanlylglycylalanylglucylserylalanlylisoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanlylthreonylarginylacetylseryltryosylserylsoleucylthreonylserylproylserylglutaminylphenylalanlylvalylphenylalanlylleucylserylvalyltryptophylalanlylaspartylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlylglutamylthreonylglutaminylglutaminylalanlylarginylthreonylglutaminylvalylglutamyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlylproylalanlyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanlylalanlysoleucylcysteinylproylproylaspartylalanlylaspartylaspartylalanlylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanlylglutamylasparaginylarginylalanlylleucylproylleucylproylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanlylalanlylproylproylleucylglutamylalanlylisoleucylaspartylalanlylglycylalanylglucylserylalanlylisoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanlylthreonylarginylacetylseryltryosylserylsoleucylthreonylserylproylserylglutaminylphenylalanlylvalylphenylalanlylleucylserylvalyltryptophylalanlylaspartylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlylglutamylthreonylglutaminylglutaminylalanlylarginylthreonylglutaminylvalylglutamyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlylproylalanlyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanlylalanlysoleucylcysteinylproylproylaspartylalanlylaspartylaspartylalanlylleucylleucylarginylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanlylthreonylarginylacetylseryltryosylserylsoleucylthreonylserylproylserylglutaminylphenylalanlylvalylphenylalanlylleucylserylvalyltryptophylalanlylaspartylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlylglutamylthreonylphenylalanlylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlylproylalanlyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanlylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanlylglutamylasparaginylarginylalanlylleucylproylleucylproylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanlylalanlylproylproylleucylglutamylglucylphenylalanlylglycylisoleucylserylalanlylproylaspartylglutaminylvalyllysylalanlylisoleucylaspartylalanly



aminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonyls  
erylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleu  
cycysteinylproylproylaspartyalanylasparylaspartyaspartyleucylleucylarginylglutaminylisoleucylalan  
ylseryltirosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylgl  
ycylalanylglutamylasparaginylarginyllalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyl  
ysylleucyllysylglutamyltyrosylasparaginylalanylalanylproylleucylglutaminylglycylphenylalanylgluc  
ylysoleucylserylalanylproylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartyalanylglucylalanylal  
anylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhi  
stidylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenyl  
alanylvalylglutaminylproylmethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylsoleucylthre  
onylserylproylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasp  
ylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginyl  
glutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylv  
alyglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylproylphenylalanylproylglutami  
nlyserylthreonylvalylarginylphenylalanylproylglycylaspartyvalyltyrosyllsylvalyltyrosylarginyltyrosylas  
paraginylalanylvalylleucylaspartyproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylal  
anylasparylthreonylarginylasparaginylarginyllsoleucylglutamylvalylglutamylvalylglutamylasparaginylgluta  
minylglutaminylserylproylthreonylthreonyllalanylglutamylthreonylleucylaspartyalanylthreonylarginylar  
ginyvalylaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylalanylparaginylisoleucylaspar  
aginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylgluta  
minylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylse  
rylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleuc  
ylcysteinylproylproylaspartyalanylasparylaspartyaspartyleucylleucylarginylglutaminylisoleucylalan  
lyseryltirosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylgly  
cylalanylglutamylasparaginylarginyllalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanylly  
sylleucyllysylglutamyltyrosylasparaginylalanylalanylproylleucylproylleucylglutaminylglycylphenylalanylgluc  
ylysoleucylserylalanylproylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartyalanylglucylalanylala  
nylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhist  
idylasparaginylisoleucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylal  
anylvalylglutaminylproylmethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylsoleucylthre  
onylserylproylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasp  
ylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylgl  
utamylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylthreonylglutaminylval  
ylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylproylphenylalanylproylglutaminy  
lserylthreonylvalylarginylphenylalanylproylglycylaspartyvalyltyrosyllsylvalyltyrosylarginyltyrosylaspar  
aginylalanylvalylleucylaspartyproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalany  
laspartythreonylarginylasparaginylarginyllsoleucylisoleucylglutamylvalylglutamylvalylglutamylasparaginylglutaminy  
lglutaminylserylproylthreonylthreonyllalanylglutamylthreonylleucylaspartyalanylthreonylarginylarginylv  
alyaspartyalanylthreonylvalylalanylsoleucylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminy  
leucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminy  
asparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylala  
nylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcyst  
einylproylproylaspartyalanylasparylaspartyaspartyleucylleucylarginylglutaminylisoleucylalanylserylt  
yrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylala



rylproylthreonylthreonylalanylglutamylthreonylleucylaspartytlalanylthreonylarginylarginylvalylaspertyla  
spartytlalanylthreonylvalylalanylsoleucylarginylserylalanylparaginylisoleucylasparaginylleucylvalyla  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartytlalanylaspertylaspartytlaspartyleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglyc  
larginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamyl  
asparaginylarginylalanylalanylsoleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylgluta  
mytyrosylasparaginylalanylalanylprolylleucylglutaminylglycylphenylalanylglucylsoleucylserylala  
nylprolylaspartyglutaminylvalyllysylalanylsoleucylaspartytlalanylglycylalanylalanylglucylalanyl  
oleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginyl  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylsoleucyllysylvalylphenylalanylvalylglutami  
nylproylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylproylser  
ylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspertylprolylisoleucylgl  
utamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminyphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylv  
alyarginylphenylalanylprolylglycylaspartytlvalyltyrosyllysylvalyltyrosylasparaginylalanylva  
lyleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreo  
nylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylvalyllysylvalyllysylglutaminyse  
rylproylthreonylthreonylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartytlalanylaspertylaspartytlaspartyleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglyc  
arginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylalanylglutamyl  
asparaginylarginylalanylalanylsoleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylgluta  
mytyrosylasparaginylalanylalanylprolylleucylglutaminylglycylphenylalanylglucylsoleucylserylala  
nylprolylaspartyglutaminylvalyllysylalanylsoleucylaspartytlalanylglycylalanylalanylglucylalanyl  
oleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginyl  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylsoleucyllysylvalylphenylalanylvalylglutami  
nylproylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylproylser  
ylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspertylprolylisoleucylgl  
utamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminyphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylv  
alyarginylphenylalanylprolylglycylaspartytlvalyltyrosyllysylvalyltyrosylasparaginylalanylva  
lyleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreo  
nylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylvalyllysylvalyllysylglutaminyse  
rylproylthreonylthreonylalanylglutamylthreonylleucylaspartytlalanylthreonylarginylvalylaspertyla  
spartytlalanylthreonylvalylalanylsoleucylarginylserylalanylparaginylisoleucylasparaginylleucylvalyla  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylala

nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartyalanylasparylaspartyaspartyllleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycyl  
arginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamyl  
asparaginylarginylalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyl  
oleucylsylasparaginylalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglycylisoleucylserylala  
nylprolylaspartyglutaminylvalyllsylalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanyllys  
oleucylserylglycylserylalanylsoleucylvalyllsylisoleucylsoleucylglutamylglutaminylhistidylasparaginyl  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylsoleucyllysylvalylphenylalanylvalylglutamyl  
nylprolylmethionyllysylalanylalanylthreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylser  
ylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparylprolylisoleucylgl  
utamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonyl  
alanylphenylalanylprolylglycylaspartyvalylytrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylva  
lyleucylaspartyprolylleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreo  
nylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylserylalanylthreonylarginylvalylaspartyala  
spartyalanylthreonylvalylalanylsoleucylarginylserylalanylalanylsoleucylasparaginylleucylvalyla  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylmethionylthreonylthreon  
ylglutaminylarginyltyrosylglutamylserylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylala  
nylglutamylglycylalanylphenylalanylvalylprolylphenylalanylvalylthreonylleucylglycylaspartyprolylglycylis  
oleucylglutamylglutaminylserylleucyllysylisoleucylaspartythreonylleucylisoleucylglutamylalanylglucylal  
anylaspartyalanylleucylglutamylleucylglycylisoleucylprolylphenylalanylserylaspartyprolylleucylalanyl  
spartylglycylprolylthreonylisoleucylglutamylasparaginylalanylthreonylleucylarginyllalanylphenylalanyl  
alanylalanylglucylvalylthreonylproylalanylglutaminylcysteinylphenylalanylglutamylmethionylleucylalan  
ylleucylisoleucylarginylglutaminyllysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmet  
hionyltyrosylalanylasparynyleucylvalylphenylalanylparaginyllysylglycylisoleucylaspartyglutamylp  
henylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalylaspartyserylvalylleucylvalylala  
nylaspartyvalylprolylvalylglutaminylglutamylserylalanylprolylphenylalanylarginylglutaminylalanylalanyl  
leucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylspa  
rtyalanylasparylaspartyasparylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylgl  
ycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylalanylparag  
nylarginylalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyros  
ylasparaginylalanylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylserylalanylprolyl  
aspartylglutaminylvalyllsylalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylsoleucylse  
rylglycylserylalanylsoleucylvalyllsylisoleucylisoleucylglutamylglutamylglutaminylhistidylasparaginylisoleucylgl  
utamylprolylglutamyllysylmethionylleucylalanylsoleucyllysylvalylphenylalanylvalylglutamylprolyl  
ethionyllsylalanylalanylthreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylserylglutamin  
ylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleuc  
ylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylgluta  
minylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphe  
nylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylp

henylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylasp  
artylprolylleucylsoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylas  
paraginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthre  
onylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylvalylaspartylaspartyalany  
lthreonylvalylalanylsoleucylarginylserylalanylasparginylisoleucylasparaginylleucylvalylasparaginylgl  
utamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphe  
nylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethi  
onylglutaminylarginyltyrosylglutamylserylsoleucylphenylalanylsoleucylcysteinylprolylproylasparty  
alanylaspartylaspartylaspartylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglyc  
ltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginyl  
arginylalanylalanylsoleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosyl  
sparaginylalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglycylsoleucylserylalanylprolylasp  
artylglutaminylvalyllysylalanylalanylsoleucylaspartyalanylglycylalanylalanylglucylalanylsoleucylserylg  
lycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylgluta  
mylprolylglutamyllysylmethionylleucylalanylalanylsoleucyllysylvalylphenylalanylvalylglutaminylprolylmeth  
ionyllsylalanylalanylthreonylarginylacetylseryltyrosylsoleucylthreonylserylprolylserylglutaminylp  
henylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucyll  
eucylasparaginylvalylcysteinylthreonylserylservilleleucylglycylasparaginylglutaminylphenylalanylglutami  
nylethreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylpheny  
lalanylserylglutaminylvalyltryptophyllysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphe  
nylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspar  
tylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylaspa  
raginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreon  
ylthreonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylvalylaspartylaspartyalanylth  
reonylvalylalanylsoleucylarginylserylalanylasparginylisoleucylasparaginylleucylvalylasparaginylgluta  
mylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenyla  
lanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionyl  
glutaminylarginyltyrosylglutamylserylsoleucylphenylalanylsoleucylcysteinylprolylproylaspartyalan  
ylaspartylaspartylaspartylleucylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyro  
sylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylargin  
ylalanylalanylsoleucylprolylprolylleucylglutaminylglycylphenylalanylglycylisoleucylserylalanylprolylasparty  
glutaminylvalyllysylalanylalanylsoleucylaspartyalanylglycylalanylalanylglucylalanylsoleucylserylglyc  
lserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamyl  
prolylglutamyllysylmethionylleucylalanylalanylsoleucyllysylvalylphenylalanylvalylglutaminylprolylmethion  
yllsylalanylalanylthreonylarginylacetylseryltyrosylsoleucylthreonylserylprolylserylglutaminylpheny  
ylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleuc  
ylasparaginylvalylcysteinylthreonylserylservilleleucylglycylasparaginylglutaminylphenylalanylglutaminylt  
hreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylala  
nyserylglutaminylvalyltryptophyllysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenyl  
alanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylasparty  
prolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylaspara  
ginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylt  
hreonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylvalylaspartylaspartyalanylthre

onylvalylalanylsoleucylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutam  
yllieucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylala  
nylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylprolylalanyltitinmethionylg  
lutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanyl  
aspartylaspartyllaspartyllleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyros  
ylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginy  
lalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylaspara  
ginyllalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglycylisoleucylseryllalanylprolylaspartylg  
lutaminylvalyllysylalanylalanylsoleucylaspartyllalanylglycylalanylglcylalanylsoleucylserylglycyls  
erylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylpr  
oilyglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyll  
ysylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylseryllprolylserylgutaminylphenyl  
alanylvalylphenylalanylleucylserylvalyltryptophylalanylaspartyllprolylisoleucylglutamylleucylleucyl  
asparaginylvalylcysteinylthreonylseryllleucylglycylasparaginylglutaminylphenylalanylglutaminylthr  
eonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalan  
ylserylgutaminylvalyltryptophyllysylprolylphenylalanylprolylglutaminylseryllthreonylvalylarginylphenylal  
anylprolylglycylaspartyllvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylp  
rolylleucylisoleucylthreonyllalanylleucylleucylglycylthreonylphenylalanylaspartyllthreonylarginylasparagi  
nyllarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylseryllprolylthreonylthr  
eonylalanylglutamylthreonyllleucylaspartyllalanylthreonylarginylvalylvalylaspartyllaspartyllalanylthreon  
ylvalylalanylsoleucylarginylserylalanylalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamyl  
eucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylglutaminylasparaginylthreonylphenylalan  
ylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylprolylalanyltitinmethionylg  
lutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylmethionylthreonylthreonylglutaminylarginylt  
yrosylglutamylserylleucylphenylalanylglutaminylleucyllysylglutamylarginyllysylglutamylglycylala  
nylphenylalanylvalylprolylphenylalanylvalylthreonyllleucylglycylaspartyllprolylglycylisoleucylglutamylglu  
taminylserylleucyllysylisoleucylaspartyllthreonyllleucylisoleucylglutamylalanylglcylalanylaspartyllalanyl  
eucylglutamylleucylglycylisoleucylprolylphenylalanylserylaspartyllprolylleucylalanylaspartyllglycylprolylt  
hreonylsoleucylglutaminylasparaginylalanylthreonyllleucylarginylalanylphenylalanylalanylalanylglycylv  
alylthreonylprolylalanylglutaminylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylar  
ginylglutaminyllysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalany  
lasparaginylleucylvalylphenylalanylalanylparaginyllysylglycylisoleucylaspartyllglutamylphenylalanyltyrosyl  
alanylglutaminylcysteinylglutamyllysylvalylglycylvalylaspartyllserylvalylleucylvalylalanylaspartyllvalylpro  
lylvalylglutaminylglutamylserylalanylprolylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidy  
lasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspartyllas  
partyllaspartyllleucylleucylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonylt  
yrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalan  
yllieucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanyl  
alanylprolylprolylleucylglutaminylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyllglutaminylv  
allylysylalanylalanylsoleucylaspartyllalanylglycylalanylglutamylglycylalanylsoleucylserylglycylseryllalanyl  
soleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutam  
ylllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylprolylmethionyllysylalanyl  
alanylthreonylarginylacetyseryltirosylserylisoleucylthreonylseryllprolylserylgutaminylphenylalanylvaly  
lphenylalanylleucylseryllvalyltryptophylalanylaspartyllprolylisoleucylglutamylleucylleucylasparagin

ylvalylcysteinylthreonylserylservlleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycaspartyvalyltyrosyllsylvalyltyrosylarginylytrosylasparaginylalanylvalylleucylaspartyprolylleucyliso leucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginyliso leucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylvalylaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyalanylaspertylaspartyleucylleucylarginylglutamylisoleucyltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylylalanylglutamylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylseryllalanylprolylaspartyglutamylvalyllylsyalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylprolylmethionyllsylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphe nylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylservlleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycaspartyvalyltyrosyllsylvalyltyrosylarginylytrosylasparaginylalanylvalylleucylaspartyprolylleucylisoleucylthreonylalanylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylylsoleucylglutamylvalylglutamylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylseryllalanylprolylaspartyglutamylvalyllylsyalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyalanylaspertylaspartyleucylleucylarginylglutamylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylseryllalanylprolylaspartyglutamylvalyllylsyalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylprolylmethionyllsylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphe nylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylglutamylleucylglutamylvalylleucylasparaginylvalylalanylleucylleucylarginylglutamylglycylvalylthreonylglutamylvalyllylsyalanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylprolylmethionyllsylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphe nylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylglutamylleucylglutamylvalylleucylleucylasparaginylvalylcysteinylthreonylserylservlleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycaspartyvalyltyrosyllsylvalyltyrosylarginylytrosylasparaginylalanylvalylleucylaspartyprolylleucylisoleucylt

hreonylalanylleucylleucylglycyltreonylphenylalanylaspertylthreonylarginylasparaginylarginylsoleucyli  
soleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutam  
ylthreonylleucylaspartyllalanylthreonylarginylvalylaspartyllalanylthreonylvalylalanylsoleu  
cylarginylserylalanylasparynlyisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylgl  
ycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmet  
hionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyros  
ylglutamylserylsoleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanylasparylasp  
artylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleu  
cylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylp  
rolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylpro  
anylalanylsoleucylaspartyllalanylglycylalanylalanylglcylalanylsoleucylserylglycylserylalanylsoleucylv  
allylysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmet  
hionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllysylalanylalanylthre  
onylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylala  
nylleucylserylserylvalyltryptophylalanylaspartylprolylsoleucylglutamylleucylleucylasparaginylvalylcyst  
einylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylgluta  
minylalanylarginylthreonylthreonylglutamylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyl  
tryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspar  
tylvalyltyrosyllysylvalyltyrosylasparaginylalanylvalylleucylaspartylprolylsoleucylthreonyl  
onylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginylisoleucylsol  
eucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylth  
reonylleucylaspartyllalanylthreonylarginylvalylaspartyllaspartyllalanylthreonylvalylalanylsoleucyl  
arginylserylalanylasparynlyisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglyc  
ylthreonylglycylleucyltyrosylasparaginylglutamylasparaginylthreonylphenylalanylglutamylserylmethi  
onylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosyl  
glutamylserylsoleucylphenylalanylalanylmethionylthreonylthreonylglutaminylarginyltyrosylglutamylseryll  
eucylphenylalanylalanylglutaminylleucyllysylglutamylarginyllysylglutamylglycylalanylphenylalanylvalyl  
prolylphenylalanylvalylthreonylleucylglycylaspartylprolylglycylsoleucylglutamylglutaminylserylsoleucylly  
sylsoleucylaspartylthreonylleucylsoleucylglutamylalanylglcylalanylaspartyllalanylleucylglutamylleucy  
lglycylisoleucylprolylphenylalanylserylaspartylprolylsoleucylalanylaspartylglcylprolylthreonylisoleucylglu  
taminylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylglcylvalylthreonylprolylal  
anylglutaminylcysteinylphenylalanylglutamylmethionylleucylalanylsoleucylarginylglutaminyllysyl  
histidylprolylthreonylisoleucylprolylsoleucylglycylleucylleucylmethionyltyrosylalanylasparynyleucylv  
alylphenylalanylasparynlylysylglycylisoleucylaspartylglutamylphenylalanyltyrosylalanylglutaminylcys  
teinylglutamyllysylvalylglycylvalylaspartylserylvalylleucylvalylalanylaspartylvalylprolylvalylglutamylgl  
utamylserylalanylprolylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylal  
anylprolylsoleucylphenylalanylsoleucylcysteinylprolylprolylaspartyllalanylasparylasparylaspartyllleuc  
ylleucylarginylglutamylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyl  
eucylglutaminylglycylphenylalanylglcylisoleucylserylalanylprolylaspartylglutamylvalyllysylalanylalan  
ylysoleucylaspartyllalanylglycylalanylalanylglcylsoleucylserylglycylserylalanylsoleucylvalyllysyl  
soleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylle

ucylalanylalanylleucyllsylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylargi  
nylacetyseryltirosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptop  
hylysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycaspartylvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylproylleucylisoleucylthreonylal  
anylleucylleucylglycylthreonylphenylalanylspartylthreonylarginylasparaginylarginylisoleucylisoleucylg  
lutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonyl  
eucylaspertylalanylthreonylarginylvalylaspartylaspartytlalanylthreonylvalylalanylsoleucylarginyl  
serylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthre  
onylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylser  
ylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutam  
ylserylleucylphenylalanylalanylsoleucylcysteinylprolylproylaspartytlalanylaspartylaspartyllleuc  
ylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllsylglutamyltyrosylasparaginylalanylalanylprolylprolyl  
eucylglutaminylglycylphenylalanylglycylisoleucylserylalanylproylaspartylglutaminylvalyllysylalanylalan  
ylisoleucylaspertylalanylglycylalanylalanylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysyl  
soleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylle  
ucylalanylalanylleucyllsylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylargi  
nylacetyseryltirosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylspartylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycasparaginylglutaminylphenylalanylglutaminylglutaminylal

anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylyvalytyrosyllsylvalylytrosylarginyltyrosylasparaginylalanyleucylaspartylyprolylleucylisoleucylthreonylalanyleucylleucylglycylthreonylalanyleucylleucylglycylthreonylphenylalanyleucylaspartylythreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylglutaminylglutaminylserylprolylthreonylthreonylalanyleucylarginylyserylalanyleparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylserylparaginylthreonylphenylalanyleutamylserylmethionylserylglucylleucyltyrphylthreonylserylalanyleprolylalanyltitnmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanyleucylcysteinylprolylprolylaspartylyalanylaspartylyaspartylyleucylarginylylglutamylglutaminylsoleucylalanylyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanyleucylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanyleucylprolylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanyleucylprolylprolyleucylglutaminylglycylphenylalanyleucylsoleucylserylalanylprolylaspartylyglutaminylvalyllysylalanyleucylsoleucylaspartylyalanyleucylglycylalanylalanylysylleucylserylglucylserylalanyleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylysylvalylphenylalanyleucylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanyleucylphenylalanyleucylvalyllysylalanyleucylserylvalyltryptophylthreonylaspartylyprolylisoleucylglutamylleucylvalylleucylleucylasparaginylvalylcysteinylthreonylserylserylvalyltryptophylthreonylaspartylyprolylisoleucylglutamylleucylglutamylphenylalanyleucylvalyllysylalanyleucylserylvalyltryptophylthreonylserylprolylserylglutaminylphenylalanyleucylphenylalanyleucylvalyllysylalanyleucylserylvalyltryptophylthreonylserylprolylalanyltitnmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanyleucylcysteinylprolylprolylalanylglycylphenylalanyleucylsoleucylalanylyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylphenylalanyleucylleucylglycylvalylthreonylglycylalanylglutamylmethionylleucylalanylysylglutamylvalylprolylprolylalanylglycylphenylalanyleucylsoleucylalanylysylglutamylvalyllysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalanyleucylasparaginylleucylvalylphenylalanyleucylcysteinylglutamylvalyllysylvalylglycylglycylvalylaspartylyserylvalylleucylvalylalanylysylglutamylphenylalanyleucylvalyltyrosylalanyleucylvalylglutaminylglutamylalanyleucylvalyllysylhistidylprolyleucylphenylalanyleucylsoleucylcysteinylprolylprolylaspartylyalanylaspartylyaspartylyleucylarginylglutaminylisoleucylalanylyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanyleucylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanyleucylprolylleucylasparaginylhistidylleucylvalylalanlysylleucyllysylglutamyltyrosylasparaginylalanyleucylprolylprolyleucylglutamyl

minylglycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucyl  
aspartylalanylglycylalanylalanylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylis  
oleucylglutamylglutaminylhistidylasparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanyl  
alanylleucyllysylvalylphenylalanylvalylglutaminylproylmethionyllysylalanylalanylthreonylarginylacetys  
eryltyrosylserylsoleucylthreonylserylprolyserylglutaminylphenylalanylvalylphenylalanylleucylserylsery  
lvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylparaginylvalylcysteinylthreonylseryls  
erylleucylglycylparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylt  
hreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylpro  
ylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylvalyltyrosyllsyl  
valytyrosylarginyltyrosylparaginylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylle  
ucylglycylthreonylphenylalanylaspertylthreonylarginylparaginylarginylisoleucylisoleucylglutamylvalyl  
glutamylasparaginylglutaminylglutaminylserylproylthreonylthreonylalanylglutamylthreonylleucylaspart  
ylalanylthreonylarginylvalylaspertylalanylthreonylvalylalanylsoleucylarginylserylalanya  
sparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleuc  
yltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucyl  
valyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylp  
henylalanylalanylsoleucylcysteinylproylaspartylalanylaspertylaspartylleucylleucylarginyl  
glutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylala  
nylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylproylleucylparaginylhi  
stidylleucylvalylalanyllysylleucyllsylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutamyl  
glycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucylaspa  
rtyalanylglycylalanylalanylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleuc  
ylglutamylglutaminylhistidylasparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanylalanyl  
leucyllsylvalylphenylalanylvalylglutaminylproylmethionyllysylalanylalanylthreonylarginylacetyserylt  
osylserylsoleucylthreonylserylprolyserylglutaminylphenylalanylvalylphenylalanylleucylserylvalylt  
ryptophylalanylaspertylprolylisoleucylglutamylleucylleucylparaginylvalylcysteinylthreonylserylserylle  
ucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthre  
onylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylp  
nyalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylvalyltyrosyllsylvalylt  
yrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylg  
lycylthreonylphenylalanylaspertylthreonylarginylparaginylarginylisoleucylisoleucylglutamylvalylgluta  
mylasparaginylglutaminylglutaminylserylproylthreonylthreonylalanylglutamylthreonylleucylaspartylala  
nylthreonylarginylvalylaspertylaspertylalanylthreonylvalylalanylsoleucylarginylserylalanylasp  
aginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucylt  
osylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvaly  
ltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphen  
ylalanylalanylsoleucylcysteinylproylprolylaspartylalanylaspertylaspartylleucylleucylarginylglut  
aminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanyl  
glycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylproylleucylparaginylhisti  
dyleucylvalylalanyllysylleucyllsylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutamylgl  
ycylphenylalanylglycylisoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucylaspart  
ylalanylglycylalanylalanylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucyl  
glutamylglutaminylhistidylasparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanylalanyl  
leucyllsylvalylphenylalanylvalylglutaminylproylmethionyllysylalanylalanylthreonylarginylacetyseryltyro

sylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanyleucylserylservlvalytry  
ptophylalanlysartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylservlleu  
cylglycasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreony  
lthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllsylprolylpheny  
lalanlylprolylglutaminylservlthreonylvalylarginyphenylalanlylprolylglycaspartyvalyltyrosyllsylvalytyro  
sylarginytyrosylasparaginylalanlylvalylleucylaspartyprolyleucylisoleucylthreonylalanyleucylleucylglyc  
ylthreonylphenylalanlysartylthreonylarginylasparaginylarginyisoleucylglutamylvalylglutamy  
lasparaginylglutaminylglutaminylservlprolylthreonylthreonylalanlylglutamylthreonylleucylaspartyalanlyt  
hreonylarginylarginyvalylaspartyaspartyalanlylthreonylvalylalanlylsoleucylarginylservlalanylasparagin  
yisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginyglycylthreonylglycylleucyltyrosyl  
asparaginylglutaminylasparaginylthreonylphenylalanlylglutamylservlmethionylservlglycylleucylvalyltryp  
tophylthreonylservlalanlylprolylalanlyltitinmethionylglutaminylarginyltyrosylglutamylservlleucylphenylala  
nylalanlylsoleucylcysteinylprolylprolylaspartyaspartyalanlylsoleucylleucylarginyglutamin  
yisoleucylalanlyseryltyrosylglycylarginyglycyltyrosylthreonyltyrosylleucylleucylservlarginylalanlylglycyl  
valylthreonylglycylalanlylglutamylasparaginylarginyalanlylalanlylleucylprolylleucylasparaginylhistidylleu  
cylvalylalanlylysylleucyllysglylglutamyltyrosylasparaginylalanlylalanlylprolylprolylleucylglutamylglycylph  
enylalanlylglycylisoleucylservlalanlylprolylaspartyglutaminylvalyllyssylalanlylsoleucylaspartyalanly  
lglycylalanlylglycylalanlylisoleucylservlglycylservlalanlylisoleucylvalyllyssylisoleucylisoleucylglutam  
yglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllyssylmethionylleucylalanlylalanlyleucyllyss  
ylvalylphenylalanlylvalylglutaminylprolylmetnionyllyssylalanlylthreonylarginylacetylservltyrosylservl  
isoleucylthreonylservlprolylservlglutaminylphenylalanlylvalylphenylalanlylleucylservlervlvalyltryptophyl  
alanlylaspartyprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylservlervlvalylglyc  
lasparaginylglutaminylphenylalanlylglutaminylthreonylglutaminylglutaminylalanlylarginythreonylthreony  
yglutaminylvalylglutaminylglutaminylphenylalanlylservlglutaminylvalyltryptophyllsylprolylphenylalanly  
prolylglutaminylservlthreonylvalylarginyphenylalanlylprolylglycaspartyvalyltyrosyllsylvalytyrosylargi  
nytyrosylasparaginylalanlylvalylleucylaspartyprolylleucylisoleucylthreonylalanyleucylleucylglycylthre  
oynphenylalanlysartylthreonylarginylasparaginylarginyisoleucylglutamylvalylglutamylvalylglutamylaspar  
aginylglutaminylglutaminylservlprolylthreonylthreonylalanlylglutamylthreonylleucylaspartyalanlylthreony  
ylarginyarginyvalylaspartyaspartyalanlylthreonylvalylalanlylisoleucylarginylservlalanlylasparaginylisol  
eucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginyglycylthreonylglycylleucyltyrosylaspar  
aginylglutaminylasparaginylthreonylphenylalanlylglutamylservlmethionylservlglycylleucylvalyltryptophyl  
lthreonylservlalanlylprolylalanlyltitinmethionylglutaminylarginyltyrosylglutamylservlleucylphenylalanlyl  
anymethionylthreonylthreonylglutaminylarginyltyrosylglutamylservlleucylphenylalanlylalanlylglutaminyl  
eucyllysglylglutamylarginylyssylglutamylglycylalanlylphenylalanlylvalylprolylphenylalanlylvalylthreonylleu  
cylglycaspartyprolylglycaspartyoleucylglutamylglutaminylservlleucyllyssylisoleucylaspartythreonylleucylis  
oleucylglutamylalanlylglycylalanlylaspartyalanlylleucylglutamylleucylglycylisoleucylprolylphenylalanlyse  
rylaspartyprolylleucylalanlylaspartyglycylprolylthreonylisoleucylglutaminylasparaginylalanlylthreonylle  
ucylarginylalanlylphenylalanlylalanlylglycylvalylthreonylprolylalanlylglutaminylcysteinylphenylalanly  
glutamylmethionylleucylalanlylleucylisoleucylarginylglutaminyllyssylhistidylprolylthreonylisoleucylprolyli  
soleucylglycylleucylleucylmethionyltyrosylalanlylasparaginylleucylvalylphenylalanlylasparaginyllyssylgly  
cylisoleucylaspartyglutamylphenylalanlyltyrosylalanlylglutaminylcysteinylglutamyllyssylvalylglycylvaly  
spartylservlvalylleucylvalylalanlylaspartyvalylprolylvalylglutaminylglutamylservlalanlylprolylphenylalanly  
arginylglutaminylalanlylalanlylleucylarginylhistidylasparaginylvalylalanlylprolylisoleucylphenylalanlylisol  
eucylcysteinylprolylprolylaspartyalanlylaspartyaspartyalanlylleucylleucylarginylglutaminylisoleucylal

anylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamylasparaginylarginylalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanlysylleucylsylglutamyltyrosylasparaginylalanylprolylleucylglutaminylglucylphenylalanylglucylsoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylsoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglycylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglycylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutamylphenylalanylglutaminylthreonylglutamylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutamylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylcysteinylpartyvalytyrosyllsylvalyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglucylvalylglutamylalanylparaginylglutamylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginyvalylvalylaspartyalanylthreonylvalylalanylsoleucylarginyvalylserylalanylparaginylisoleucylasparaginylglutamylparaginylthreonylphenylalanylglutamylserylmethionylserylglycylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyalanylparaginylpartyalanylparaginylisoleucylvalylglutamylarginyvalylvalylsoleucylarginyvalylglutamylvalylglutamylserylthreonylvalylarginylglutamylserylvalyltyrosylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutamylphenylalanylglutaminylthreonylglutamylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutamylglutaminylphenylalanylserylglutamylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglutamyllysylalanylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanylsoleucylserylalanylprolylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanylsoleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutamylparaginylthreonylphenylalanylglutamylserylmethionylserylglycylglycylleucylvalyltryptophylthreonylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamyllysylglutamyltyrosylasparaginylalanylalanylprolylprolylleucylvalylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylvalyltyrosylalanylprolylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyalanylparaginylpartyalanylparaginylisoleucylvalylglutamylarginyvalylvalylsoleucylarginyvalylglutamylvalylglutamylhi

nylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanylsoleucyllysylvalylphenylalanylvalylglutaminylproylmethionyllsylalanylthreonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylserylglutamylphenylalanylvalylphenylalanylsoleucylserylvalyltryptophylalanylasparylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylvallytyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylpolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylanylthreonylarginylarginylisoleucylaspartylanylvalyltryptophyllsylprolylphenylalanylalanylisoleucylcysteinylprolylprolylaspartylanylthreonylvalylalanylisoleucylarginylseryllsylparaginylhistidylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparaginylvalylglutaminylmethionylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylglycylsoleucylvalylprolylprolylaspartylanylglutaminylvalylalanylisoleucylparaginylhistidylleucylvalylarginylglycylthreonylglucylleucyltyrosylglutamylvalylglutaminylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasparylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylpolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylanylthreonylarginylarginylisoleucylaspartylanylvalyltryptophyllsylprolylphenylalanylalanylisoleucylcysteinylprolylthreonylalanylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylglycylsoleucylglutamylglutaminylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylalanylisoleucylcysteinylprolylprolylaspartylanylglutaminylvalylalanylisoleucylarginylysylparaginylhistidylleucylvalylarginylglycylthreonylglucylleucyltyrosylglutamylvalylglutaminylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylasparylsoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanyserylglutaminylvalyltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylpolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylanylthreonylarginylarginylisoleucylaspartylanylvalyltryptophyllsylprolylphenylalanylalanylisoleucylcysteinylprolylthreonylalanylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylglycylsoleucylglutamylglutaminylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylalanylisoleucylcysteinylprolylthreonylalanylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylglutaminylleucyllysylglutamylserylprolylglutamylglutaminylserylmethionylthreonylthreonylglutaminylarginyltyrosylglutamylseryllsylleucylphenylalanylalanylglutaminylleucyllysylglutamylserylprolylglutamylglutaminylserylmethionylleucylmethionyltyrosylglutamylseryllsylleucylphenylalanylparaginylleucylvalylglutaminyllysylglutamylcysteinylphenylalanylglutamylmethionylleucylmethionyltyrosylglutamylseryllsylhistidylprolylthreonylsoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylglutamylseryllsylparaginylleucylvalylglutaminyllysylglutamylcysteinylglutamyllysylvalylglucylvalylaspartylserylvallyleucylutamylphenylalanyltyrosylalanlyglutaminylcysteinylglutamyllysylvalylglucylvalylaspartylserylvallyleucyl

valylalanylasparylvalylprolylvalylglutaminylglutamylserylalanylprolylphenylalanylarginylglutaminylalan  
ylalanylleucylarginylhistidylasparaginylvalylalanylprolylsoleucylphenylalanylsoleucylcysteinylprolylpr  
olylaspartylalanylasparylasparylaspartyleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycyl  
arginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamyl  
asparaginylarginylalanylalanylprolylprolylsoleucylglutaminylglycylphenylalanylglucylsoleucylserylala  
nylprolylaspartylglutaminylvalyllysylalanylsoleucylaspartylalanylglucylalanylalanylglucylalanyl  
oleucylserylglycylserylalanylsoleucylvalyllysylmethionylleucylalanylsoleucyllysylvalylphenylalanylvalylglutami  
nylproylmethionyllysylalanylalanylthreonylarginylacetyservylysoleucylthreonylserylsoleucylserylproylser  
ylglutaminylphenylalanylvalylphenylalanylsoleucylserylvalyltryptophylalanylasparylprolylsoleucylgl  
utamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylv  
alyarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylva  
lyleucylaspartylprolylsoleucylthreonylalanylsoleucylleucylglycylthreonylphenylalanylasparylthreo  
nylarginylasparaginylarginylsoleucylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginylvalylaspartyla  
sparylalanylthreonylvalylalanylsoleucylarginylserylalanylserylalanylsoleucylasparaginylsoleucylvalyl  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartylalanylasparylaspartyleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycyl  
arginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamyl  
asparaginylarginylalanylalanylprolylprolylsoleucylparaginylhistidylleucylvalylalanyllysylleucyllysylgluta  
myltyrosylasparaginylalanylalanylprolylsoleucylvalyllysylmethionylleucylalanylsoleucyllysylvalylphenylalanylvalylglutami  
nylproylmethionyllysylalanylalanylthreonylarginylacetyservylysoleucylthreonylserylsoleucylserylproylser  
ylglutaminylphenylalanylvalylphenylalanylsoleucylserylvalyltryptophylalanylasparylprolylsoleucylgl  
utamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylv  
alyarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylva  
lyleucylaspartylprolylsoleucylthreonylalanylsoleucylleucylglycylthreonylphenylalanylasparylthreo  
nylarginylasparaginylarginylsoleucylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginylvalylaspartyla  
sparylalanylthreonylvalylalanylsoleucylarginylserylalanylserylalanylsoleucylasparaginylsoleucylvalyl  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartylalanylasparylaspartyleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycyl  
arginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglucylalanylglutamyl



ylleucylisoleucylarginylglutaminyllsylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmet  
hionyltyrosylalanlasparaginylleucylvalylphenylalanlasparaginyllsylglycylisoleucylaspartylglutamylp  
henylalanlytyrosylalanlyglutaminylcysteinylglutamyllsylvalylglycylvalylaspartylserylvalylleucylvalylala  
nylaspartylvalylprolylvalylglutaminylglutamylserylalanlyprolylphenylalanlarginylglutaminylalanlylalanlyl  
leucylarginylhistidylasparaginylvalylalanlyprolylisoleucylphenylalanlysoleucylcysteinylprolylprolylaspa  
rtyalanylaspartylaspartylaspartylleucylleucylarginylglutaminylsoleucylalanlyseryltyrosylglycylarginylgl  
ycylytrosylthreonyltyrosylleucylleucylserylarginylalanlyglycylvalylthreonylglycylalanlyglutamylasparagi  
nylarginylalanlylalanlyleucylprolylleucylasparaginylhistidylleucylvalylalanlylysylleucyllysylglutamyltyros  
ylasparaginylalanlylalanlyprolylprolylleucylglutaminylglycylphenylalanlyglycylisoleucylserylalanlyprolyl  
aspartyglutaminylvalyllysylalanlylalanlysoleucylaspartyllalanlylglycylalanlylalanlyglycylalanlysoleucylse  
rylglycylserylalanlysoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylgl  
utamylprolylglutamyllsylmethionylleucylalanlyleucyllysylvalylphenylalanlylvalylglutaminylprolylm  
ethionyllsylalanlylalanlythreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylserylglutamin  
ylphenylalanlylphenylalanlyleucylserylvalyltryptophylalanlylaspartylprolylisoleucylglutamylleuc  
ylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlygluta  
minylthreonylglutaminylglutaminylalanlylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphe  
nylanlylserylglutaminylvalyltryptophyllsylprolylphenylalanlylprolylglutaminylserylthreonylvalylarginylp  
henylalanlylprolylglucylaspartylvalyltyrosyllsylvalyltyrosylarginylalanlylvalylleucylasp  
artylprolylleucylisoleucylthreonylalanlyleucylleucylglycylthreonylphenylalanlylaspartylthreonylarginylas  
paraginylarginylisoleucylisoleucylglutamylvalylglutamylsparaginylglutaminylglutaminylserylprolylthre  
onylthreonylalanlylglutamylthreonylleucylaspartyllalanlythreonylarginylvalylaspartylaspartyllan  
lthreonylvalylalanlysoleucylarginylseryllalanlylasparaginylisoleucylasparaginylleucylvalylasparaginylgl  
utamylprolylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphe  
nylanlylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllanlylprolylalanlytitinmethi  
onylglutaminylarginyltyrosylglutamylserylleucylphenylalanlylalanlysoleucylcysteinylprolylprolylasparty  
alanlylaspartylaspartyllleucylleucylarginylglutaminylisoleucylalanlyseryltyrosylglycylarginylglyc  
lytrosylthreonyltyrosylleucylleucylserylarginylalanlyglycylvalylthreonylglycylalanlyglutamylasparaginyl  
arginylalanlylalanlyleucylprolylleucylasparaginylhistidylleucylvalylalanlylysylleucyllysylglutamyltyrosyl  
sparaginylalanlylalanlyprolylleucylleucylglutaminylglycylphenylalanlyglycylisoleucylserylalanlyprolylasp  
artylglutaminylvalyllysylalanlylalanlysoleucylaspartyllalanlylglycylalanlylalanlyglycylalanlyisoleucylserylg  
lycylserylalanlylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylgluta  
mylprolylglutamyllsylmethionylleucylalanlylalanlyleucyllysylvalylphenylalanlylvalylglutaminylprolylmeth  
ionyllsylalanlylalanlythreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylp  
henylalanlylvalylphenylalanlyleucylserylvalyltryptophylalanlylaspartylprolylisoleucylglutamylleucyll  
eucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlylglutami  
nylthreonylglutaminylglutaminylalanlylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylpheny  
lalanlylserylglutaminylvalyltryptophyllsylprolylphenylalanlylprolylglutaminylserylthreonylvalylarginylp  
nylanlylprolylglucylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanlylvalylleucylaspar  
tylprolylleucylisoleucylthreonylalanlyleucylleucylglycylthreonylphenylalanlylaspartylthreonylarginylaspa  
raginylarginylisoleucylisoleucylglutamylvalylglutamylsparaginylglutaminylglutaminylserylprolylthre  
onylthreonylalanlylglutamylthreonylleucylaspartyllalanlythreonylarginylvalylaspartylaspartyllan  
reonylvalylalanlysoleucylarginylseryllalanlylasparaginylisoleucylasparaginylleucylvalylasparaginylgluta  
myleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenyla  
nylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlylprolylalanlytitinmethionyl

glutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylisoleucylcysteinylprolylprolylaspartyلال  
ylaspartylaspartylaspartylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyro  
sylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylargin  
ylalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylaspar  
aginylalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglycylisoleucylserylalanylprolylasparty  
glutaminylvalyllysylalanylalanylsoleucylaspartyalanylglycylalanylalanylglycylalanylisoleucylserylglyc  
lserylalanylisoleucylvalyllysylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamyl  
prolylglutamyllysylmethionylleucylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethion  
yllsylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphen  
ylalanylvalylphenylalanylleucylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleuc  
ylasparaginylvalylcysteinylthreonylseryllleucylglycylasparaginylglutaminylphenylalanylglutaminyl  
hreonylglutaminylglutaminylalanylarginylthreonylglutaminylvalylglutaminylglutaminylphenylala  
nyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenyl  
alanylprolylglycylaspartyvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylasparty  
prolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylaspara  
ginylarginylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylt  
hreonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylarginylvalylaspartylaspartyalanylthre  
onylvalylalanylsoleucylarginylserylalanylparaginylisoleucylparaginylleucylvalylparaginylglutam  
yleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylala  
nylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylgl  
utamylarginyltyrosylglutamylserylleucylphenylalanylsoleucylcysteinylprolylprolylaspartyalanyl  
aspartylaspartylaspartylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyros  
ylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginy  
lalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylaspara  
ginylarginylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylserylalanylprolylaspartylg  
lutamylvalyllysylalanylalanylsoleucylaspartyalanylglycylalanylalanylglycylalanylisoleucylserylglycyls  
erylalanylisoleucylvalyllysylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylpr  
olylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyll  
ysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenyl  
alanylvalylphenylalanylleucylserylvalyltryptophylalanylaspertylprolylisoleucylglutamylleucylleucyl  
asparaginylvalylcysteinylthreonylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylth  
reonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylala  
nyserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylala  
nyprollylglucylaspartyvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartypr  
ollyleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparagi  
nylarginylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthr  
eonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylarginylvalylaspartylaspartyalanylthreon  
ylvalylalanylsoleucylarginylserylalanylparaginylisoleucylparaginylleucylvalylasparaginylglutamyl  
eucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylala  
ylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglu  
taminylarginyltyrosylglutamylserylleucylphenylalanylalanylmethionylthreonylthreonylglutaminylarginy  
tyrosylglutamylserylleucylphenylalanylalanylglutaminylleucyllysylglutamylarginyllysylglutamylglycylala  
nylphenylalanylvalylprolylphenylalanylvalylthreonylleucylglycylaspartyprolylglycylisoleucylglutamylglu  
taminylserylleucyllysylisoleucylaspartythreonylleucylisoleucylglutamylalanylglycylalanylaspertylalanyl

eucylglutamylleucylglycylisoleucylprolylphenylalanylserylaspartylproylleucylalanylasparylglucylprolylt  
hreonylisoleucylglutaminylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylalanylglucylv  
alythreonylproylalanylglutaminylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylar  
ginylglutaminyllsylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylmethionyltyrosylalany  
lasparaginylleucylvalylphenylalanylparaginyllsylglycylisoleucylaspartylglutamylphenylalanyltyrosyl  
alanylglutaminylcysteinylglutamyllsylvalylglycylvalylaspartylserylvalylleucylvalylalanylasparylvalylpro  
lylvalylglutaminylglutamylserylalanylprolylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidyl  
lasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylaspartylalanylasparylas  
partylaspartylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonylt  
yrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalan  
ylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanyl  
alanylproylproylleucylglutaminylglycylphenylalanylglucylisoleucylserylalanylprolylaspartylglutaminylv  
allylysylalanylalanylsoleucylaspartylalanylglucylalanylglucylalanylsoleucylserylglycylserylalanyli  
soleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutam  
yllsylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanyl  
alanylthreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenylalanylvaly  
lphenylalanylleucylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleucylasparag  
inylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylphenylalanylser  
minylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylgluta  
minylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylgl  
ycylaspartylvalyltyrosyllsylvalyltyrosyltyrosylasparaginylalanylvalylleucylaspartylproylleucyliso  
leucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginyliso  
leucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylgl  
utamylthreonylleucylaspartylalanylthreonylarginylvalylaspartylaspartyalanylthreonylvalylalanyl  
soleucylarginylserylalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarg  
inyglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylser  
ylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutamylarginy  
ltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyalanylasparylaspart  
ylaspartylleucylleucylarginylglutaminylsoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyros  
ylleucylleucylserylarginylalanylglucylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanyl  
ucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalan  
ylprolylprolylleucylglutaminylglycylphenylalanylglucylisoleucylserylalanylprolylaspartylglutaminylvalylly  
sylalanylalanylsoleucylaspartyalanylglucylalanylglucylalanylglucylisoleucylserylglycylserylalanylsole  
ucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamylls  
ylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalan  
ylthreonylarginylacetyseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenylalanylvalylphe  
nylalanylleucylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleucylasparaginylval  
ylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylglutaminylphenylalanylserylglutamin  
ylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglyc  
ylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylproylleucylisoleu  
cylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginylisoleu  
cylisoleucylglutamylvalylglutamylasparaginylglutaminylserylproylthreonylthreonylalanylglut  
amylthreonylleucylaspartyalanylthreonylarginylvalylaspartylaspartyalanylthreonylvalylalanyliso

leucylarginylserylalanylasparaginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylsoleucylcysteinylproylproylaspartyalanylaspartyasanpartyleucylleucylarginylglutaminylisoleucylalanlyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosyleucylleucylserylarginyllalanlyselycylvalylthreonylglycylalanlysparaginylarginylalanlysalanlysleucylproylleucylasparaginylhistidylleucylvalylalanlyselleucyllysylglutamyltyrosylasparaginylalanlysalanlysproylproylleucylglutaminylglycylphenylalanlyselycylsoleucylserylalanylproylaspartyglutaminylvalyllysyalanlysalanlyssoleucylaspartyalanlyselycylalanlyselycylalanlyssoleucylserylglycylserylalanlysoleucylvallyslysoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllsylmethionylleucylalanlysalanlyselleucyllysylvalylphenylalanlysvalylglutaminylproylmethionyllsylalanlysalanlyslytireonylarginylacetyseryltyrosylserylisoleucylthreonylserylproylserylglutaminylphenylalanlysphenylalanlysleucylserylvalyltryptophylalanlyspartyproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlysutaminylglutaminylphenylalanlyslytireonylglutamyllytireonylglutaminylphenylalanlysphenylalanlyslytireonylglutamyltryptophyllsylproylphenylalanlysproylglutaminylserylthreonylvalylarginylphenylalanlysproylglycylaspartyvalylytrosyllsylvalyltyrosylarginylytrosylasparaginylalanlysvalylleucylaspartyproylleucylisoleucyltireonylalanlysleucylaspartyalanlyslytireonylarginyllalanlysvalylaspartyalanlysvalylleucylisoleucylsoleucylglutamylglutaminylserylproylthreonylthreonylalanlysutamylthreonyllytireonylleucylaspartyalanlyslytireonylarginyllalanlysvalylaspartyalanlysvalylleucylisoleucylglutamylglutaminylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlysproylalanlysalanlysalanlysvalyltitinmethionylglutaminylarginyltyrosylglutamylseryllytrosylleucylphenylalanlyssoleucylcysteinylproylproylaspartyalanlysvalylaspartylytrosylleucylleucylarginylglutaminylisoleucylalanlyseryltyrosylglycylarginylglycyltyrosylthreonyltyrosyleucylserylarginylalanlyselycylvalylhistidylleucylvalylalanlyselleucyllysylglutamyltyrosylasparaginylalanlysvalylleucylaspartyalanlysvalylproylleucylleucylglycylphenylalanlysproylglutaminylglycylphenylalanlysproylalanlysvalyltitinmethionyllsylalanlysalanlyslytireonylarginylacetyseryltyrosylserylisoleucylthreonylserylproylserylglutaminylphenylalanlysphenylalanlysleucylserylvalyltryptophylalanlyspartyproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlysutaminylglutaminylphenylalanlyslytireonylglutamyllytireonylglutaminylphenylalanlysphenylalanlyslytireonylglutamyltryptophyllsylproylphenylalanlysproylglutaminylserylthreonylvalylarginylphenylalanlysproylglycylaspartyvalylytrosyllsylvalyltyrosylarginylytrosylasparaginylalanlysvalylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanlysutaminylglutaminylphenylalanlyslytireonylglutamylglutaminylphenylalanlysphenylalanlyslytireonylglutamyltryptophyllsylproylphenylalanlysproylglutaminylserylthreonylvalylarginylphenylalanlysproylglycylaspartyvalylytrosyllsylvalyltyrosylarginylytrosylasparaginylalanlysvalylleucylleucylaspartyalanlysvalylleucylisoleucylglutamylglutaminylserylproylthreonylthreonylalanlysutamylthreonyllytireonylleucylaspartyalanlyslytireonylarginyllalanlysvalylaspartyalanlysvalylleucylisoleucylglutamylglutaminylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanlysproylalanlysalanlysvalyltitinmethionylglutaminylarginyltyrosylglutamylseryllytrosylleucylphenylalanlyssoleucylmethionylthreonylthreonylglutaminylarginyltyrosylglutamylseryllytrosylleucylphenylalanlysalanlyslytireonylmethionylthreonylthreonylglutaminylarginyltyrosylglutamylseryll

eucylphenylalanylalanylglutaminylleucyllysylglutamylarginyllsylglutamylglycylalanylphenylalanylvalyl  
prolylphenylalanylvalylthreonylleucylglycylaspartylprolylglycylsoleucylglutamylglutaminylserylleucylly  
sylisoleucylaspartylthreonylleucylsoleucylglutamylalanylglycylalanylasparylalanylleucylglutamylleucy  
lglycylisoleucylprolylphenylalanylserylaspartylprolylleucylalanylasparylglucylprolylthreonylisoleucylglu  
taminylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylalanylglucylvalylthreonylprolylal  
anylglutaminylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylarginylglutaminyllsyl  
histidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalanylasparginylleucylv  
alylphenylalanylasparginyllsylglycylisoleucylaspartylglutamylphenylalanyltyrosylalanylglutaminylcys  
teinylglutamyllsylvalylglycylvalylaspartylserylvalylleucylvalylalanylasparylvalylprolylvalylglutaminylgl  
utamylserylalanylprolylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylal  
anylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylaspartylalanylaspartylaspartyllleuc  
ylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglucylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyl  
eucylglutaminylglycylphenylalanylglucylisoleucylserylalanylprolylaspartylglutaminylvalyllysylalanylalan  
ylisoleucylaspartylalanylglucylalanylalanylglucylsoleucylserylglycylserylalanylisoleucylvalyllysylsli  
soleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllsylmethionylle  
ucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylargi  
nylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptop  
hylysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalyleucylaspartylprolyleucylisoleucylthreonylal  
anylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylalanylasparginylarginylisoleucylisoleucylg  
lutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonyll  
eucylaspartylalanylthreonylarginylvalylaspartylaspartyllthreonylvalylalanylisoleucylarginyl  
serylalanylasparginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreo  
nylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylser  
ylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutam  
ylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspartylaspartyllleuc  
ylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglucylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyl  
eucylglutaminylglycylphenylalanylglucylisoleucylserylalanylprolylaspartylglutaminylvalyllysylalanylalan  
ylisoleucylaspartylalanylglucylalanylalanylglucylsoleucylserylglycylserylalanylisoleucylvalyllysylsli  
soleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllsylmethionylle  
ucylalanylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylargi  
nylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptop  
hylysylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalyleucylaspartylprolyleucylisoleucylthreonylal

anylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylisoleucylisoleucylg  
lutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonyll  
eucylaspartylalanylthreonylarginylvalylaspartylaspartyalanylthreonylvalylalanylsoleucylarginyl  
serylalanylasparginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreo  
nylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylser  
ylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutam  
ylserylleucylphenylalanylalanylsoleucylcysteinylproylproylaspartylaspartylaspartyllleuc  
ylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucyl  
serylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylsoleucylproylleuc  
ylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylproylproyll  
eucylglutaminylglycylphenylalanylglycylisoleucylserylalanylproylaspartyglutaminylvalyllysylalan  
ylisoleucylaspartyalanylglycylalanylalanylglcylalanylsoleucylserylglycylserylalanylsoleucylvalyllysyl  
soleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylproylglutamyllysylmethionylle  
ucylalanylalanylsoleucyllysylvalylphenylalanylvalylglutaminylproylmethionyllysylalanylalanylthreonylargin  
ylacetylseryltyrosylserylisoleucylthreonylserylproylserylglutaminylphenylalanylvalylphenylalanylleuc  
ylserylserylvalyltryptophylalanylaspertylproylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthr  
eonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylal  
anylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptop  
hylysylproylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartyvalyl  
tyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartyproylleucylisoleucylthreonylal  
anylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylisoleucylisoleucylg  
lutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonyll  
eucylaspartylalanylthreonylarginylvalylaspartylaspartyalanylthreonylvalylalanylsoleucylarginyl  
serylalanylasparginylisoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreo

nylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylglutaminylleucyllysylglutamylarginyllysylglutamylglycylalanylphenylalanylvalylprolylphenylalanylvalylthreonylleucylglycylaspartylproylglycylsoleucylglutamylglutaminylserylleucyllysylsoleucylaspartylthreonylleucylisoleucylglutamylalanylglycylalanylaspertylalanylleucylglutamylleucylglycyliso leucylproylphenylalanylserylaspartylproylleucylalanylaspertylglcylproylthreonylisoleucylglutaminyasperaginylalanylthreonylleucylarginylalanylphenylalanylalanylglutamylglycylvalylthreonylproylalanylglutamylcysteinylphenylalanylglutamylmethionylleucylalanylsoleucylarginylglutaminylysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylmethionyltyrosylalanylparaginylleucylvalylphenylalanylparaginyllysylglycylsoleucylaspartylglutamylphenylalanyltyrosylalanylglutaminylcysteinylglutamylsylvalylglycylvalylaspertylserylvalylleucylvalylalanylprolylsoleucylphenylalanylarginylglutamylalanylalanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspertylaspartyllaspartyllleucylararginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylglucylvalylthreonylglcylalanylglutamylasparaginylarginylalanylalanylleucylprolylprolyleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyleucylglutamylaspartylalanylglcylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanyleucyllsylvalylphenylalanylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenylalanylvalylphenylalanylleucylserylarginylvalyltryptophylalanylparaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutamylphenylalanylglutamylthreonylglutamylglutamylalanylarginylt hreonylthreonylglutaminyvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglcylaspartylvalyltyrosyllysylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartyllprolyleucylisoleucylleucylglutamylvalylglutamylparaginylglutaminylysylserylprolylthreonylthreonylalanylglutamylalanylsoleucylarginylseryllalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamylglutamyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylhenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspertyllaspartyllleucylleucylarginylglutaminysoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylprolyleucylglutamylvalylglutamylsylvalylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyleucylglutamylaspartylalanylglcylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamylprolyllysylmethionylleucylalanylalanyleucyllsylvalylphenylalanylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenylalanylvalylphenylalanylleucylserylarginylvalyltryptophylalanylparaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutamylphenylalanylglutamylthreonylglutamylglutamylalanylarginylt hreonylthreonylglutaminyvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglcylaspartylvalyltyrosyllysylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartyllprolyleucylisoleucylleucylglutamylvalylglutamylparaginylglutaminylysylserylprolylthreonylthreonylalanylglutamylalanylsoleucylarginylseryllalanylparaginylisoleucylasparaginylleucylvalylasparaginylglutamylglutamyllysylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylhenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspertyllaspartyllleucylleucylarginylglutaminysoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanlylglycylvalylthreonylglycylalanylglutamylasparaginylarginylalanylalanylleucylprolylprolyleucylglutamylvalylglutamylsylvalylhistidylleucylvalylalanyllysylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolyleucylglutamylaspartylalanylglcylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutamylhistidylasparaginylisoleucylglutamylprolylglutamylprolyllysylmethionylleucylalanylalanyleucyllsylvalylphenylalanylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylprolylserylglutamylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylparaspartylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutamylphenylalanylglutamylglutamylalanylarginylthreo

nylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylsoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginyvalylaspartylaspartyllalanylthreonylvalylalanylsoleucylarginylserylalanylasparynlysoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylprolylaspartyllalanylaspartyllaspartyllaspartyllleucylleucylarginylglutamylsoleucylalanylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglycylvalylthreonylglucylalanylglutamylasparaginylarginyvalylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysoleucyllysoleucyllysoleucylglutamyltyrosylasparaginylalanylvalylprolylprolylleucylglutamylglucylphenylalanylglucylisoleucylserylalanylprolylaspartyllglutaminylvalyllysoleucylalanylalanylsoleucylaspartylalanylglucylvalylglycylalanylglucylalanyllysoleucylserylglycylserylalanyllysoleucylvalyllysoleucylisoleucylglutamylglutamylglutamylglutaminylhistidylasparaginylisoleucylglutamylprolylglutamyllysoleucylmethionylleucylalanylthreonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylvalylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylglycylasparaginylglutaminylphenylalanylglutaminylphenylalanylglutaminylthreonylglutamylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylphenylalanylvalylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylsoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylasparaginylarginylsoleucylglutamylvalylglutamylvalylglutamylaspar

aginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartyalanylthreonylarginylarginylvalylaspartylaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylparaginylisol eucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylspar aginylglutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophy lthreonylserylalanylprolylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylal anylmethionylthreonylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminyl eucyllsglutamylarginyllysylglutamylglycylalanylphenylalanylvalylprolylphenylalanylvalylthreonylleuc ylglycylaspartylprolylglycylsoleucylglutamylglutaminylserylleucyllysylisoleucylaspartylthreonylleucylis oleucylglutamylalanylglycylalanylaspertylalanylleucylglutamylleucylglycylisoleucylprolylphenylalanylse rylaspartylprolylleucylalanylaspertylglycylprolylthreonylisoleucylglutamylasparaginylalanylthreonylle ucylarginylalanylphenylalanylalanylglucylvalylthreonylproylalanylglutaminylcysteinylphenylalany lglutamylmethionylleucylalanylsoleucylarginyglutaminyllsylhistidylprolylthreonylisoleucylprolyli soleucylglycylleucylleucylmethionyltyrosylalanylaspertylglycyltyrosylalanylglutaminylcysteinylglutamyllysylgly cylisoleucylaspartylglutamylphenylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalyla spartylserylvalylleucylvalylalanylaspertylvalylprolylvalylglutamylglutamylserylalanylprolylphenylalany larginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylisol eucylcysteinylprolylprolylaspartylaspartylaspartyllleucylleucylarginylglutaminylsoleucylal anylseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreony lglycylalanylglutamylasparaginylarginylalanylleucylprolylprolylleucylparaginylhistidylleucylvalylalan yllsylleucyllysylglutamyltyrosylasparaginylalanylprolylprolylleucylglutaminylglucylphenylalanylgl ycylsoleucylserylalanylprolylaspartylglutamylvalyllysylalanylsoleucylisoleucylglutamylglutaminy histidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphen ylalanylvalylglutaminylprolylmethionyllsylalanylthreonylarginylacetylseryltyrosylserylisoleucylth reonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylspa rtylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparagin ylglutaminylphenylalanylglutaminylthreonylglutaminyllglutamylalanylarginylthreonylthreonylglutaminy lvalylglutaminylglutaminyllphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglut minylserylthreonylvalylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosyl asparaginylalanylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenyl alanylaspertylthreonylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglut aminyllglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylvalyltryptophylthreonylalanylgluc ylsoleucylserylalanylprolylaspartylglutaminyllsylalanylsoleucylisoleucylglutamylvalylglutamylasparaginylglut aminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylvalyltryptophylthreonyls erylalanylprolylalanyltitinmethionylglutamylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleuc ylcysteinylprolylprolylaspartylalanylaspertylaspartyllleucylleucylarginylglutaminyllsoleucylalan yseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglyc ylcylalanylglutamylasparaginylarginylalanylalanylleucylprolylprolylsoleucylglutaminylglycylphenylalanylgluc ylsylleucyllysylglutamyltyrosylasparaginylalanylalanylprolylprolylsoleucylglutaminylglycylphenylalanylgluc ylsoleucylserylalanylprolylaspartylglutaminyllsylalanylsoleucylaspartyllalanylglucylalanylal anylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylli stidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenyl alanylvalylglutaminylprolylmethionyllsylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthre

onylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylvalyltryptophylalanylpart  
ylprolylisoleucylglutamylleucylleucylasparaginylvalylcysteinyltreonyserylserylleucylglycasparaginyl  
glutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylv  
alyglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutami  
nylserylthreonylvalylarginylphenylalanylprolylglycaspartyvalytyrosyllsylvalyltyrosylarginyltyrosylas  
paraginylalanylvalylleucylaspartyproylleucylsoleucylthreonylalanylleucylleucylglycylthreonylphenylal  
anylaspartythreonylarginylasparaginylarginylsoleucylglutamylvalylglutamylasparaginylgluta  
minylglutaminylserylproylthreonylthreonylalanylglutamylthreonyleucylaspartyalanylthreonylarginylar  
ginylvalylaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylasparaginylsoleucylaspar  
aginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylgluta  
minylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylse  
ryalanylproylalanylitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylsoleuc  
ylcysteinylproylproylaspartyalanylaspartyalaspartyllleucylleucylarginylglutamylisoleucylalany  
lseryltyrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylgly  
cylalanylglutamylasparaginylarginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanylly  
syleucyllysylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutamylglycylphenylalanylglucy  
lisoleucylserylalanylproylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartyalanylglucylalanylala  
nylglycylalanylsoleucylserylglycylseryllalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutamylhist  
idylasparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylal  
anyvalylglutaminylproylmethionyllsylalanylalanylthreonylarginylacetyseryltyrosylserylisoleucylthreo  
nylserylproylserylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparyl  
proylisoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylleucylglycasparaginylgl  
utamylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylval  
ylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminy  
lserylthreonylvalylarginylphenylalanylproylglycaspartyvalytyrosyllsylvalyltyrosylarginyltyrosylaspar  
aginylalanylvalylleucylaspartyproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalany  
laspartythreonylarginylasparaginylarginylsoleucylglutamylvalylglutamylasparaginylglutaminy  
lglutaminylserylproylthreonylthreonylalanylglutamylthreonyleucylaspartyalanylthreonylarginylarginylv  
alyaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylasparaginylsoleucylasparaginyl  
leucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminy  
asparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylseryllala  
nylproylalanylitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcyst  
einylproylproylaspartyalanylaspartyalaspartyllleucylleucylarginylglutamylisoleucylalanylserylt  
yrosylglycylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylala  
nylglutamylasparaginylarginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleu  
cylysylglutamyltyrosylasparaginylalanylalanylproylproylleucylglutamylglycylphenylalanylglucylisole  
ucylserylalanylproylaspartyglutaminylvalyllysylalanylalanylsoleucylaspartyalanylglucylalanylalanylgl  
ycylalanylsoleucylserylglycylseryllalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutamylhistidyl  
sparaginylsoleucylglutamylproylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylval  
ylglutaminylproylmethionyllsylalanylalanylthreonylarginylacetyseryltyrosylserylisoleucylthreonylser  
ylproylserylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylasparylprolyli  
soleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutami  
nyphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglut  
aminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylseryl

threonylvalylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylvalylvalylvalylleucylaspartylprolylleucylisoleucylthreonylalanylleucylglycylthreonylphenylalanylasparylthreonylarginylasparaginylarginylsoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthreonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylarginylvalylaspartylaspartylalanylthreonylvalylalanylisoleucylarginylserylvalylasparaginylsoleucylasparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylleucyllysylglutamylarginylthreonylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylleucylglycylaspartylprolylglycylisoleucylglutamylglutaminylserylleucyllysylisoleucylaspartylthreonylleucylisoleucylglutamylalanylglycylalanylaspartylalanylleucylglutamylleucylglycylisoleucylprolylphenylalanylserylaspartylproylleucylalanylaspartylglycylprolylthreonylisoleucylglutamylasparaginylalanylthreonylleucylarginylalanylphenylalanylalanylalanylglycylvalylthreonylproylalanylglutamylcysteinylphenylalanylglutamylmethionylleucylalanylleucylisoleucylarginylglutaminyllyslhistidylproylthreonylisoleucylprolylisoleucylglycylleucylleucylmethionyltyrosylalanylasparaginylleucylvalylphenylalanylasparaginyllysylglycylisoleucylaspartylglytutamylphenylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalylaspartylserylvalylleucylvalylalanylaspartylvalylproylvalylglutamylglutamylseryllalanylproylphenylalanylarginylglutaminylalanylalanylleucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylproylaspartylalanylaspartylvalylprolylphenylalanylglutamylserylalanylprolylphenylalanylglutamylisoleucylserylglycylserylalanylsoleucylvalyllysylisoleucylglutamylglutaminylhistidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllysylvalylphenylalanylvalylglutamylprolylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleucylthreonylserylproylserylglutamylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylphenylalanylglutaminylvalylglutaminylarginylphenylalanylvalylglutaminylvalylarginylphenylalanylserylglutaminylvalyltryptophyllysylprolylphenylalanylprolylglutaminylserylthreonylvallylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylprolylleucylcysteinylthreonylserylvalylleucylisoleucylarginylglutaminylglutaminyllyslarginylphenylalanylprolylglutamylserylvalyltryptophylthreonylvalyltryptophylthreonylserylalanylproylalanylprolylaspartylalanylthreonylvalylalanylsoleucylarginylserylalanylasparyngylsoleucylasparaginylleucylvalylvalylarginylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylglutaminylleucylglycylisoleucylcysteinylprolylproylaspartylalanylaspartylvalylprolylprolylphenylalanylprolylvalylleucylglycyltyrosylvalylarginylglycylvalylthreonylglucylvalylglutamylasparaginylalanylalanylalanylvalylprolylglutamylvalyllysylvalylprolylphenylalanylalanylglutaminylglutaminyllysylprolylaspartylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylvalylglutamylvalyltryptophylthreonylglucylvalylglutamylasparaginylalanylalanylalanylvalylprolylglutamylvalyllysylvalylprolylphenylalanylalanylglutaminylglutaminyllysylprolylaspartylglutamylvalylvalyllysylvalylalanylsoleucylaspartylalanylglucylvalylglutamyllysylglutamylglutaminyl

oleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginyli  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutami  
nylprolylmethionyllsylalanylalanylthreonylarginylacetylserityrosylserylsoleucylthreonylserylprolylser  
yglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylgl  
utamylleucylleucylasparaginyvalylcysteinylthreonylserylserylleucylglycylasparaginyglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonyl  
alylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginyvalanylva  
lyleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthre  
nylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginyglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylaspartyلالanylthreonylarginylarginylvalylasparty  
aspertylalanylthreonylvalylalanylsoleucylarginylserylalanylasparaginyisoleucylasparaginylleucylvaly  
sparaginiylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginyglutaminylasparagini  
lt hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartyلالanylaspertylaspartylaspartylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglyc  
ylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylalanylglutamyl  
asparaginiylarginylalanylalanylleucylprolylprolylleucylasparaginylhistedylleucylvalylalanyllysylleucyllysylglu  
myltyrosylasparaginyalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglucylisoleucylserylala  
nylprolylaspartylglutaminylvalyllysylalanylsoleucylaspartyلالanylglucylalanylalanylglucylalanyl  
oleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginyli  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutami  
nylprolylmethionyllsylalanylalanylthreonylarginylacetylserityrosylserylsoleucylthreonylserylprolylser  
yglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylgl  
utamylleucylleucylasparaginyvalylcysteinylthreonylserylserylleucylglycylasparaginyglutaminylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonyl  
alylarginylphenylalanylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginyvalanylva  
lyleucylaspartyلالanylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspertylthre  
nylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginyglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylaspartyلالanylthreonylarginylarginylvalylasparty  
aspertylalanylthreonylvalylalanylsoleucylarginylserylalanylasparaginyisoleucylasparaginylleucylvaly  
sparaginiylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginyglutaminylasparagini  
lt hreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylprolylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylsoleucylcysteinylprolylp  
rolylaspartyلالanylaspertylaspartylaspartylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglyc  
ylarginylglycyltyrosylthreonyltyrosylleucylleucylserylarginylalanylglucylvalylthreonylglycylalanylglutamyl  
asparaginiylarginylalanylalanylleucylprolylprolylleucylasparaginylhistedylleucylvalylalanyllysylleucyllysylglu  
myltyrosylasparaginyalanylalanylprolylprolylleucylglutaminylglycylphenylalanylglucylisoleucylserylala  
nylprolylaspartylglutaminylvalyllysylalanylsoleucylaspartyلالanylglucylalanylalanylglucylalanyl  
oleucylserylglycylserylalanylsoleucylvalyllysylsoleucylisoleucylglutamylglutaminylhistidylasparaginyli  
soleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutami  
nylprolylmethionyllsylalanylalanylthreonylarginylacetylserityrosylserylsoleucylthreonylserylprolylser  
yglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspertylprolylsoleucylgl

utamylleucylleucylasparaginylvalylcysteinylthreonylserylservlleucylglycasparaginylglutaminylphenyl  
alanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylglutaminylvalylglutaminylglu  
taminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylservlthreonylv  
alyarginylphenylalanylprolylglycaspartylyvalytyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylva  
lyleucylaspartylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreo  
nylarginylasparaginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylse  
rylprolylthreonylthreonylalanylglutamylthreonylleucylaspartyllalanylthreonylarginylarginylvalylaspartyla  
sparylalanylthreonylvalylalanylsoleucylarginylservlalanylasparaginylisoleucylasparaginylleucylvalyla  
sparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylt  
hreonylphenylalanylglutamylservlmetionylservlglcylleucylvalyltryptophylthreonylservlalanylprolylala  
nyltitinmethionylglutaminylarginyltyrosylglutamylservlleucylphenylalanylalanylmetionylthreonylthreon  
ylglutaminylarginyltyrosylglutamylservlleucylphenylalanylglutamylleucyllysylglutamylarginyllys  
ylglutamylglycalanylphenylalanylvalylprolylphenylalanylvalylthreonylleucylglycylaspartylprolylglycylis  
oleucylglutamylglutaminylservllysoleucylaspartylthreonylleucylisoleucylglutamylalanylglucyl  
anylaspartylalanylleucylglutamylleucylglycylisoleucylprolylphenylalanylserylaspartylprolylleucylalanyl  
sparylglycylprolylthreonylisoleucylglutamylasparaginylalanylthreonylleucylarginylalanylphenylalanyl  
alanylalanylglucylvalylthreonylprolylalanylglutamylcysteinylphenylalanylglutamylmethionylleucylalan  
ylleucylisoleucylarginylglutaminyllysylhistidylprolylthreonylisoleucylprolylisoleucylglycylleucylleucylmet  
hionyltyrosylalanylasparaginylleucylvalylphenylalanylasparaginyllysylglycylisoleucylaspartylglutamylp  
henylalanyltyrosylalanylglutaminylcysteinylglutamyllysylvalylglycylvalylaspartylserylvalylleucylvalylala  
nylaspartylvalylprolylvalylglutamylglutamylservlalanylprolylphenylalanylarginylglutaminylalanylalanyl  
leucylarginylhistidylasparaginylvalylalanylprolylisoleucylphenylalanylsoleucylcysteinylprolylprolylspa  
rtylalanylasparylaspartyllleucylleucylarginyglutamylisoleucylalanylseryltyrosylglycylarginylgl  
ycyltyrosylthreonyltyrosylleucylleucylservylarginylalanylglycylvalylthreonylglycylalanylglutamylasparagi  
nylarginylalanylalanylleucylprolylleucylasparaginylhistidylleucylvalylalanyllysylleucyllysylglutamyltyros  
ylasparaginylalanylalanylprolylprolylleucylglutamylglycylphenylalanylglycylisoleucylservylalanylprolyl  
asparylglutamylvalyllysylalanylalanylsoleucylaspartyllalanylglycylalanylalanylglucylalanylsoleucylse  
rylglcyservylalanylsoleucylvalyllysylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylgl  
utamylprolylglutamyllysylmethionylleucylalanylleucyllysylvalylphenylalanylvalylglutaminylprolylm  
ethionyllysylalanylalanylthreonylarginylacetylservltyrosylservlsoleucylthreonylservlprolylservlglutamin  
ylphenylalanylvalylphenylalanylleucylservlvalyltryptophylalanylasparylprolylisoleucylglutamylleuc  
ylleucylasparaginylvalylcysteinylthreonylservlleucylglycasparaginylglutaminylphenylalanylgluta  
minylthreonylglutamylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphe  
nyalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylservlthreonylvalylarginylp  
henylalanylprolylglycaspartylvalyltyrosyllsylvalytyrosylarginyltyrosylasparaginylalanylvalylleucylasp  
artylprolylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylasparylthreonylarginylas  
paraginylarginylisoleucylisoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylservlprolylthre  
onylthreonylalanylglutamylthreonylleucylaspartyllalanylthreonylarginylvalylasparylasparylalanyl  
Ithreonylvalylalanylsoleucylarginylservlalanylasparaginylisoleucylasparaginylleucylvalylasparaginylgl  
utamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphe  
nyalanylglutamylservlmetionylservlglcylleucylvalyltryptophylthreonylservlalanylprolylalanyltitinmethi  
onylglutaminylarginyltyrosylglutamylservlleucylphenylalanylalanylsoleucylcysteinylprolylprolylasparyl  
alanylasparylaspartyllleucylleucylarginyglutaminyisoleucylalanylseryltyrosylglycylarginylglyc  
Itirosylthreonyltyrosylleucylleucylservylarginylalanylglycylvalylthreonylglycylalanylglutamylasparaginyl

arginylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllsylglutamyltyrosyla  
sparaginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglycylsoleucylserylalanylproylasp  
artylglutaminylvalyllyssylalanylalanylsoleucylaspartyllalanylglycylalanylalanylglycylalanylsoleucylserylg  
lycylserylalanylsoleucylvalyllyssylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylgluta  
mylproylglutamyllyssylmethionylleucylalanylleucyllsylvalylphenylalanylvalylglutaminylproylmeth  
ionyllsylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylserylproylserylglutaminylp  
henylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylspartylprolylisoleucylglutamylleucyll  
eucylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutami  
nylthreonylglutaminylglutaminylalanylarginylthreonylglutaminylvalylglutaminylglutaminylpheny  
lalanylserylglutaminylvalyltryptophyllsylproylphenylalanylproylglutaminylserylthreonylvalylarginylphe  
nylalanylproylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspar  
tylproylleucylisoleucylthreonylalanylleucylglycylthreonylphenylalanylaspartylthreonylarginylaspa  
raginylarginylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylproylthreon  
ylthreonylalanylglutamylthreonylleucylaspartyllalanylthreonylarginylvalylvalylaspartyllaspartyllalanylth  
reonylvalylalanylsoleucylarginylseryllalanylaspaginylisoleucylasparaginylleucylvalylasparaginylgluta  
myleucylvalylarginylglycylthreonylglucyltyrosylasparaginylglutaminylasparaginylthreonylpheny  
lanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionyl  
glutaminylarginyltyrosylglutamylserylleucylphenylalanylsoleucylcysteinylproylproylaspartyllalan  
ylaspartyllaspartylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyro  
sylthreonyltyrosylleucylleucylseryllarginylalanylglycylvalylthreonylglucylalanylglutamylasparaginylargin  
ylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllsylglutamyltyrosylaspar  
aginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglycylisoleucylserylalanylproylaspartyll  
glutaminylvalyllyssylalanylalanylsoleucylaspartyllalanylglycylalanylalanylglycylalanylsoleucylserylglyc  
lserylalanylsoleucylvalyllyssylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamyl  
proylglutamyllyssylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutaminylproylmethion  
yllsylalanylalanylthreonylarginylacetyseryltirosylserylisoleucylthreonylserylproylserylglutaminylphen  
ylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspartylprolylisoleucylglutamylleucylleuc  
ylasparaginylvalylcysteinylthreonylserylserylleucylglycylasparaginylglutaminylphenylalanylglutaminylt  
hreonylglutaminylglutaminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylala  
nyserylglutaminylvalyltryptophyllsylproylphenylalanylproylglutaminylserylthreonylvalylarginylphenyl  
alanylproylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylasparty  
lproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphenylalanylaspartylthreonylarginylaspa  
ginylarginylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylproylthreonylt  
hreonylalanylglutamylthreonylleucylaspartyllalanylthreonylarginylvalylvalylaspartyllaspartyllalanylthre  
onylvalylalanylsoleucylarginylseryllalanylaspaginylisoleucylasparaginylleucylvalylasparaginylglutam  
ylleucylvalylarginylglycylthreonylglucylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylala  
nylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylgl  
utaminylarginyltyrosylglutamylserylleucylphenylalanylsoleucylcysteinylproylproylaspartyllalanyl  
aspartyllaspartylleucylleucylarginylglutaminylisoleucylalanylseryltyrosylglycylarginylglycyltyros  
ylthreonyltyrosylleucylleucylseryllarginylalanylglycylvalylthreonylglucylalanylglutamylasparaginylargin  
ylalanylalanylleucylproylleucylasparaginylhistidylleucylvalylalanyllysylleucyllsylglutamyltyrosylaspar  
aginylalanylalanylproylproylleucylglutaminylglycylphenylalanylglycylisoleucylserylalanylproylaspartylg  
lutaminylvalyllyssylalanylalanylsoleucylaspartyllalanylglycylalanylalanylglucylalanylsoleucylserylglycyls  
erylalanylsoleucylvalyllyssylisoleucylisoleucylglutamylglutaminylhistidylasparaginylisoleucylglutamylpr

olylglutamyllysylmethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutaminylproylmethionyll  
ysylalanylalanylthreonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenyl  
alanylvalylphenylalanylleucylserylserylvalyltryptophylalanylaspertylprolylssoleucylglutamylleucylleucyl  
asparaginylvalylcysteinylthreonylserylserylleucylglycylparaginylglutaminylphenylalanylglutaminylthr  
eonylglutaminylglutaminylalanylarginylthreonylglutaminylvalylglutaminylglutaminylphenylalan  
ylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolylglutaminylserylthreonylvalylarginylphenylal  
anylprolylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylpr  
ollyleucylisoleucylthreonylalanylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparagi  
nylarginylsoleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylprolylthreonylthr  
eonylalanylglutamylthreonylleucylaspartylalanylthreonylarginylvalylaspartylaspartyalanylthreon  
ylvalylalanylsoleucylarginylserylalanylparaginylsoleucylasparaginylleucylvalylasparaginylglutamyl  
eucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginylglutaminylasparaginylthreonylphenylalan  
ylglutamylserylmethionylserylglycylleucylvalyltryptophylthreonylserylalanylproylalanyltitinmethionylglu  
taminylarginyltyrosylglutamylserylleucylphenylalanylproylproylleucylglutaminylglycylphenylalan  
ylglycylsoleucylserylalanylprolylaspertylglutaminylvalyllysylalanylsoleucylaspartyalanylglucylal  
anylalanylglycylalanylsoleucylserylglycylserylalanylsoleucylvalyllysylsoleucylglutamylglutamylgluta  
minylhistidylasparaginylsoleucylglutamylprolylglutamyllysylmethionylleucylalanylalanylleucyllsylvalyl  
phenylalanylvalylglutaminylproylmethionyllysylalanylalanylthreonylarginylacetylseryltyrosylserylisoleu  
cylthreonylserylprolylserylglutaminylphenylalanylvalylphenylalanylleucylserylserylvalyltryptophylalanyl  
aspertylprolylssoleucylglutamylleucylleucylasparaginylvalylcysteinylthreonylserylserylleucylglycylspar  
aginylglutaminylphenylalanylglutaminylthreonylglutaminylglutaminylalanylarginylthreonylthreonylgluta  
minylvalylglutaminylglutaminylphenylalanylserylglutaminylvalyltryptophyllsylprolylphenylalanylprolyl  
lutaminylserylthreonylvalylarginylphenylalanylproylglycylaspartylvalyltyrosyllsylvalyltyrosylarginyltyro  
sylasparaginylalanylvalylleucylaspartylproylleucylisoleucylthreonylalanylleucylleucylglycylthreonylphe  
nylalanylaspertylthreonylarginylasparaginylarginylsoleucylglutamylvalylglutamylasparaginylg  
lutaminylglutaminylserylproylthreonylthreonylalanylglutamylthreonylleucylaspartyalanylthreonylargin  
ylarginylvalylaspartylaspartyalanylthreonylvalylalanylsoleucylarginylserylalanylasparynilysoleucyla  
sparaginylleucylvalylasparaginylglutamylleucylvalylarginylglycylthreonylglycylleucyltyrosylasparaginyl  
glutaminylasparaginylthreonylphenylalanylglutamylserylmethionylserylglycylleucylvalyltryptophylthreo  
nyserylalanylproylalanyltitinmethionylglutaminylarginyltyrosylglutamylserylleucylphenylalanylalanylpr  
ollyproylleucylglutaminylglycylphenylalanylglycylsoleucylserylalanylproylaspertylglutamylvalyllysyl  
alanylalanylsoleucylaspartyalanylglucylalanylalanylglucylalanylsoleucylserylglucylserylalanylsoleucy  
lvalyllysylsoleucylisoleucylglutamylglutamylhistidylasparaginylsoleucylglutamylprolylglutamyllysylm  
ethionylleucylalanylalanylleucyllsylvalylphenylalanylvalylglutaminylproylmethionyllysylalanylalanylthr  
eonylarginylacetylseryltyrosylserylsoleucylthreonylserylprolylserylglutaminylphenylalanylvalylphenylal  
anylleucylserylserylvalyltryptophylalanylaspertylprolylssoleucylglutamylleucylleucylasparaginylvalylcys  
teinylthreonylserylserylleucylglycylparaginylglutaminylphenylalanylglutaminylthreonylglutaminylglut  
aminylalanylarginylthreonylthreonylglutaminylvalylglutaminylglutaminylphenylalanylserylglutaminylval  
yltryptophyllsylprolylphenylalanylproylglutaminylserylthreonylvalylarginylphenylalanylprolylglycylasp  
artylvalyltyrosyllsylvalyltyrosylarginyltyrosylasparaginylalanylvalylleucylaspartylproylleucylisoleucylth  
reonylalanylleucylleucylglycylthreonylphenylalanylaspertylthreonylarginylasparaginylarginylsoleucylis  
oleucylglutamylvalylglutamylasparaginylglutaminylglutaminylserylglutamylasparaginylglutaminylgluta  
minylserylglutamylasparaginylglutaminylglutaminylserxisoleucine