

hemoglobin_subunit_delta	.....	MVHLTPEEKTA <span style="background-color: #0000ff; color: white;">V</span> NAL <span style="background-color: #0000ff; color: white;">W</span> GKVN..	VDAVGGEAL <span style="background-color: #0000ff; color: white;">G</span> RLLVVY <span style="background-color: #0000ff; color: white;">P</span> WT <span style="background-color: #0000ff; color: white;">Q</span> RF	43
hemoglobin_subunit_beta	.....	MVHLTPEEKSA <span style="background-color: #0000ff; color: white;">V</span> TAL <span style="background-color: #0000ff; color: white;">W</span> GKVN..	VDEVGGEAL <span style="background-color: #0000ff; color: white;">G</span> RLLVVY <span style="background-color: #0000ff; color: white;">P</span> WT <span style="background-color: #0000ff; color: white;">Q</span> RF	43
hemoglobin_subunit_gamma-2	.....	MGHFTEE <span style="background-color: #0000ff; color: white;">D</span> KATITSL <span style="background-color: #0000ff; color: white;">W</span> GKVN..	VEDAGGET <span style="background-color: #0000ff; color: white;">G</span> RLLVVY <span style="background-color: #0000ff; color: white;">P</span> WT <span style="background-color: #0000ff; color: white;">Q</span> RF	43
hemoglobin_subunit_gamma-1	.....	MVHTFTE <span style="background-color: #0000ff; color: white;">D</span> KATITSL <span style="background-color: #0000ff; color: white;">W</span> GKVN..	VEDAGGET <span style="background-color: #0000ff; color: white;">G</span> RLLVVY <span style="background-color: #0000ff; color: white;">P</span> WT <span style="background-color: #0000ff; color: white;">Q</span> RF	43
hemoglobin_subunit_epsilon	.....	MVHTFAE <span style="background-color: #0000ff; color: white;">E</span> KAAV <span style="background-color: #0000ff; color: white;">V</span> LSKMN..	VEEAGGEAL <span style="background-color: #0000ff; color: white;">G</span> EPMFLSFPT <span style="background-color: #0000ff; color: white;">K</span> TYF	44
hemoglobin_subunit_alpha	.....	MVLSPADKT <span style="background-color: #0000ff; color: white;">N</span> TNVKAAM <span style="background-color: #0000ff; color: white;">G</span> VGAGAHAEAL <span style="background-color: #0000ff; color: white;">E</span>	EP <span style="background-color: #0000ff; color: white;">B</span> MPLSFPT <span style="background-color: #0000ff; color: white;">K</span> TYF	44
hemoglobin_subunit_theta-1	.....	MALSAEDRAL <span style="background-color: #0000ff; color: white;">V</span> RAL <span style="background-color: #0000ff; color: white;">W</span> KLGSNVGVYTTEAL <span style="background-color: #0000ff; color: white;">E</span>	RTFLAFA <span style="background-color: #0000ff; color: white;">P</span> A <span style="background-color: #0000ff; color: white;">K</span> TYF	44
hemoglobin_subunit_zeta	.....	MSLTKT <span style="background-color: #0000ff; color: white;">E</span> RTIIVS <span style="background-color: #0000ff; color: white;">M</span> VAKIST <span style="background-color: #0000ff; color: white;">D</span> QADTIGTET <span style="background-color: #0000ff; color: white;">E</span>	RLFLSHPO <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">K</span> YF	44
hemoglobin_subunit_mu	.....	MLSQA <span style="background-color: #0000ff; color: white;">E</span> RAQIAQV <span style="background-color: #0000ff; color: white;">W</span> DLIAGHEAQFGAEL <span style="background-color: #0000ff; color: white;">R</span>	RLFTVY <span style="background-color: #0000ff; color: white;">P</span> S <span style="background-color: #0000ff; color: white;">K</span> KVYF	43
cytoglobin	MEKVPGE <span style="background-color: #0000ff; color: white;">M</span> ERRSER <span style="background-color: #0000ff; color: white;">E</span> IERRSER <span style="background-color: #0000ff; color: white;">L</span> SEA <span style="background-color: #0000ff; color: white;">V</span> ERKA <span style="background-color: #0000ff; color: white;">V</span> QAM <span style="background-color: #0000ff; color: white;">W</span> ARYLANCED <span style="background-color: #0000ff; color: white;">D</span> VGVAIL <span style="background-color: #0000ff; color: white;">R</span>	RFFVNFP <span style="background-color: #0000ff; color: white;">S</span> PAKQYF <span style="background-color: #0000ff; color: white;">W</span>	60	
myoglobin	.....	MGLSDG <span style="background-color: #0000ff; color: white;">E</span> WQLV <span style="background-color: #0000ff; color: white;">L</span> NV <span style="background-color: #0000ff; color: white;">W</span> GK <span style="background-color: #0000ff; color: white;">V</span> EA <span style="background-color: #0000ff; color: white;">D</span> IPGH <span style="background-color: #0000ff; color: white;">G</span> QE <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">I</span> RL <span style="background-color: #0000ff; color: white;">F</span> K <span style="background-color: #0000ff; color: white;">H</span> PE <span style="background-color: #0000ff; color: white;">T</span> LEKF <span style="background-color: #0000ff; color: white;">P</span>	44	
neuroglobin	.....	MERPE <span style="background-color: #0000ff; color: white;">E</span> PELI <span style="background-color: #0000ff; color: white;">R</span> Q <span style="background-color: #0000ff; color: white;">S</span> W <span style="background-color: #0000ff; color: white;">V</span> RAV <span style="background-color: #0000ff; color: white;">S</span> RS <span style="background-color: #0000ff; color: white;">P</span> LE <span style="background-color: #0000ff; color: white;">H</span> E <span style="background-color: #0000ff; color: white;">G</span> T <span style="background-color: #0000ff; color: white;">T</span> V <span style="background-color: #0000ff; color: white;">F</span> AL <span style="background-color: #0000ff; color: white;">R</span> FA <span style="background-color: #0000ff; color: white;">L</span> E <span style="background-color: #0000ff; color: white;">P</span> D <span style="background-color: #0000ff; color: white;">L</span> PL <span style="background-color: #0000ff; color: white;">P</span> F	42	

hemoglobin_subunit_delta	ESFG.D <span style="background-color: #0000ff; color: white;">L</span> SSPDAVM <span style="background-color: #0000ff; color: white;">C</span> NP <span style="background-color: #0000ff; color: white;">P</span> K <span style="background-color: #0000ff; color: white;">V</span> KA <span style="background-color: #0000ff; color: white;">H</span> C <span style="background-color: #0000ff; color: white;">K</span> KVL <span style="background-color: #0000ff; color: white;">G</span> A <span style="background-color: #0000ff; color: white;">F</span> SDGLA <span style="background-color: #0000ff; color: white;">H</span> AL <span style="background-color: #0000ff; color: white;">D</span> N..	..LK <span style="background-color: #0000ff; color: white;">G</span> TFSQ <span style="background-color: #0000ff; color: white;">L</span> SEL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">C</span> DK <span style="background-color: #0000ff; color: white;">K</span> LHV	99	
hemoglobin_subunit_beta	ESFG.D <span style="background-color: #0000ff; color: white;">L</span> STPDAVM <span style="background-color: #0000ff; color: white;">C</span> NP <span style="background-color: #0000ff; color: white;">P</span> K <span style="background-color: #0000ff; color: white;">V</span> KA <span style="background-color: #0000ff; color: white;">H</span> C <span style="background-color: #0000ff; color: white;">K</span> KVL <span style="background-color: #0000ff; color: white;">G</span> A <span style="background-color: #0000ff; color: white;">F</span> SDGLA <span style="background-color: #0000ff; color: white;">H</span> AL <span style="background-color: #0000ff; color: white;">D</span> N..	..LK <span style="background-color: #0000ff; color: white;">G</span> TFA <span style="background-color: #0000ff; color: white;">T</span> SEL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">C</span> DK <span style="background-color: #0000ff; color: white;">K</span> LHV	99	
hemoglobin_subunit_gamma-2	DSFG.NLSSASA <span style="background-color: #0000ff; color: white;">I</span> NP <span style="background-color: #0000ff; color: white;">P</span> K <span style="background-color: #0000ff; color: white;">V</span> KA <span style="background-color: #0000ff; color: white;">H</span> C <span style="background-color: #0000ff; color: white;">K</span> KVL <span style="background-color: #0000ff; color: white;">G</span> A <span style="background-color: #0000ff; color: white;">F</span> SDGLA <span style="background-color: #0000ff; color: white;">H</span> AL <span style="background-color: #0000ff; color: white;">D</span> N..	..LK <span style="background-color: #0000ff; color: white;">G</span> TFA <span style="background-color: #0000ff; color: white;">T</span> SEL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">C</span> DK <span style="background-color: #0000ff; color: white;">K</span> LHV	99	
hemoglobin_subunit_gamma-1	DSFG.NLSSASA <span style="background-color: #0000ff; color: white;">I</span> NP <span style="background-color: #0000ff; color: white;">P</span> K <span style="background-color: #0000ff; color: white;">V</span> KA <span style="background-color: #0000ff; color: white;">H</span> C <span style="background-color: #0000ff; color: white;">K</span> KVL <span style="background-color: #0000ff; color: white;">G</span> A <span style="background-color: #0000ff; color: white;">F</span> SDGLA <span style="background-color: #0000ff; color: white;">H</span> AL <span style="background-color: #0000ff; color: white;">D</span> N..	..LK <span style="background-color: #0000ff; color: white;">G</span> TFA <span style="background-color: #0000ff; color: white;">T</span> SEL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">C</span> DK <span style="background-color: #0000ff; color: white;">K</span> LHV	99	
hemoglobin_subunit_epsilon	DSFG.NLSSPSA <span style="background-color: #0000ff; color: white;">I</span> NP <span style="background-color: #0000ff; color: white;">P</span> K <span style="background-color: #0000ff; color: white;">V</span> KA <span style="background-color: #0000ff; color: white;">H</span> C <span style="background-color: #0000ff; color: white;">K</span> KVL <span style="background-color: #0000ff; color: white;">G</span> A <span style="background-color: #0000ff; color: white;">F</span> SDGLA <span style="background-color: #0000ff; color: white;">H</span> AL <span style="background-color: #0000ff; color: white;">D</span> N..	..LK <span style="background-color: #0000ff; color: white;">G</span> TFA <span style="background-color: #0000ff; color: white;">T</span> SEL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">C</span> DK <span style="background-color: #0000ff; color: white;">K</span> LHV	99	
hemoglobin_subunit_alpha	PHF..DL <span style="background-color: #0000ff; color: white;">S</span> LH..	CSAQVK <span style="background-color: #0000ff; color: white;">G</span> H <span style="background-color: #0000ff; color: white;">K</span> K <span style="background-color: #0000ff; color: white;">V</span> ADALT <span style="background-color: #0000ff; color: white;">T</span> NA <span style="background-color: #0000ff; color: white;">V</span> HY <span style="background-color: #0000ff; color: white;">D</span> D..	MPN <span style="background-color: #0000ff; color: white;">A</span> LSAL <span style="background-color: #0000ff; color: white;">S</span> DL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">A</span> KL <span style="background-color: #0000ff; color: white;">R</span> LRV	94
hemoglobin_subunit_theta-1	SHL..DL <span style="background-color: #0000ff; color: white;">S</span> L..	CSQS <span style="background-color: #0000ff; color: white;">V</span> RA <span style="background-color: #0000ff; color: white;">H</span> G <span style="background-color: #0000ff; color: white;">K</span> K <span style="background-color: #0000ff; color: white;">V</span> ADALT <span style="background-color: #0000ff; color: white;">T</span> NA <span style="background-color: #0000ff; color: white;">V</span> HY <span style="background-color: #0000ff; color: white;">D</span> D..	LPHAL <span style="background-color: #0000ff; color: white;">S</span> AL <span style="background-color: #0000ff; color: white;">I</span> H <span style="background-color: #0000ff; color: white;">A</span> COLRV	94
hemoglobin_subunit_zeta	PHF..DL <span style="background-color: #0000ff; color: white;">H</span> P..	CSAQL <span style="background-color: #0000ff; color: white;">R</span> A <span style="background-color: #0000ff; color: white;">H</span> G <span style="background-color: #0000ff; color: white;">K</span> K <span style="background-color: #0000ff; color: white;">V</span> VA <span style="background-color: #0000ff; color: white;">G</span> D <span style="background-color: #0000ff; color: white;">A</span> V <span style="background-color: #0000ff; color: white;">K</span> SI <span style="background-color: #0000ff; color: white;">D</span> D..	IGG <span style="background-color: #0000ff; color: white;">A</span> SK <span style="background-color: #0000ff; color: white;">L</span> SEL <span style="background-color: #0000ff; color: white;">H</span> AY <span style="background-color: #0000ff; color: white;">I</span> LRV	94
hemoglobin_subunit_mu	PHL..SACQ..	DATQL <span style="background-color: #0000ff; color: white;">L</span> SH <span style="background-color: #0000ff; color: white;">I</span> QML <span style="background-color: #0000ff; color: white;">R</span> Q <span style="background-color: #0000ff; color: white;">M</span> LA <span style="background-color: #0000ff; color: white;">V</span> GA <span style="background-color: #0000ff; color: white;">A</span> Q <span style="background-color: #0000ff; color: white;">V</span> Q <span style="background-color: #0000ff; color: white;">H</span> DN..	LRA <span style="background-color: #0000ff; color: white;">L</span> SP <span style="background-color: #0000ff; color: white;">A</span> PL <span style="background-color: #0000ff; color: white;">D</span> HL <span style="background-color: #0000ff; color: white;">V</span> LRV	93
cytoglobin	SQFK..HM <span style="background-color: #0000ff; color: white;">E</span> DPLEMERS <span style="background-color: #0000ff; color: white;">P</span> QLRK <span style="background-color: #0000ff; color: white;">I</span> ACR <span style="background-color: #0000ff; color: white;">V</span> MG <span style="background-color: #0000ff; color: white;">A</span> LNTV <span style="background-color: #0000ff; color: white;">E</span> N <span style="background-color: #0000ff; color: white;">L</span> H <span style="background-color: #0000ff; color: white;">D</span> PD <span style="background-color: #0000ff; color: white;">K</span> V <span style="background-color: #0000ff; color: white;">S</span> VL <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">V</span> LG <span style="background-color: #0000ff; color: white;">K</span> HA <span style="background-color: #0000ff; color: white;">L</span> HK <span style="background-color: #0000ff; color: white;">V</span>		119	
myoglobin	DKFK..H <span style="background-color: #0000ff; color: white;">L</span> K <span style="background-color: #0000ff; color: white;">S</span> EDEM <span style="background-color: #0000ff; color: white;">M</span> KASE <span style="background-color: #0000ff; color: white;">D</span> L <span style="background-color: #0000ff; color: white;">K</span> CAT <span style="background-color: #0000ff; color: white;">V</span> LT <span style="background-color: #0000ff; color: white;">A</span> LG <span style="background-color: #0000ff; color: white;">G</span> IL <span style="background-color: #0000ff; color: white;">K</span> KK <span style="background-color: #0000ff; color: white;">G</span> H..	HEAEIK <span style="background-color: #0000ff; color: white;">P</span> LA <span style="background-color: #0000ff; color: white;">Q</span> S <span style="background-color: #0000ff; color: white;">H</span> AT <span style="background-color: #0000ff; color: white;">K</span> HK <span style="background-color: #0000ff; color: white;">I</span>	100	
neuroglobin	QYNCRQF <span style="background-color: #0000ff; color: white;">S</span> SPEDCL <span style="background-color: #0000ff; color: white;">L</span> SSP <span style="background-color: #0000ff; color: white;">E</span> PE <span style="background-color: #0000ff; color: white;">F</span> LD <span style="background-color: #0000ff; color: white;">I</span> R <span style="background-color: #0000ff; color: white;">K</span> V <span style="background-color: #0000ff; color: white;">M</span> L <span style="background-color: #0000ff; color: white;">V</span> IDA <span style="background-color: #0000ff; color: white;">A</span> VT <span style="background-color: #0000ff; color: white;">N</span> VE <span style="background-color: #0000ff; color: white;">D</span> L <span style="background-color: #0000ff; color: white;">S</span> SE <span style="background-color: #0000ff; color: white;">E</span> YL <span style="background-color: #0000ff; color: white;">A</span> SL <span style="background-color: #0000ff; color: white;">G</span> R <span style="background-color: #0000ff; color: white;">K</span> R <span style="background-color: #0000ff; color: white;">H</span> . <span style="background-color: #0000ff; color: white;">R</span> .AVG <span style="background-color: #0000ff; color: white;">V</span>		101	

hemoglobin_subunit_delta	DPENF.R <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_beta	DPENF.R <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_gamma-2	DPENF.K <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_gamma-1	DPENF.K <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_epsilon	DPANF.K <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_alpha	DPANF.K <span style="background-color: #0000ff; color: white;">L</span> LL <span style="background-color: #0000ff; color: white;">G</span> N <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">C</span> V <span style="background-color: #0000ff; color: white;">L</span> R <span style="background-color: #0000ff; color: white;">N</span> F <span style="background-color: #0000ff; color: white;">G</span> K <span style="background-color: #0000ff; color: white;">E</span> F <span style="background-color: #0000ff; color: white;">T</span> P <span style="background-color: #0000ff; color: white;">Q</span> M <span style="background-color: #0000ff; color: white;">Q</span> A <span style="background-color: #0000ff; color: white;">A</span> Y <span style="background-color: #0000ff; color: white;">Q</span> K <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> G <span style="background-color: #0000ff; color: white;">V</span> N <span style="background-color: #0000ff; color: white;">A</span> L <span style="background-color: #0000ff; color: white;">A</span> H <span style="background-color: #0000ff; color: white;">K</span> H..	H..	147	
hemoglobin_subunit_theta-1	DPANF.L <span style="background-color: #0000ff; color: white;">I</span> QC <span style="background-color: #0000ff; color: white;">F</span> CH <span style="background-color: #0000ff; color: white;">V</span> V <span style="background-color: #0000ff; color: white;">A</span> SH <span style="background-color: #0000ff; color: white;">L</span> Q <span style="background-color: #0000ff; color: white;">D</span> E <span style="background-color: #0000ff; color: white;">F</span> T <span style="background-color: #0000ff; color: white;">V</span> Q <span style="background-color: #0000ff; color: white;">M</span> Q <span style="background-color: #0000ff; color: white;">A</span> W <span style="background-color: #0000ff; color: white;">D</span> K <span style="background-color: #0000ff; color: white;">F</span> L <span style="background-color: #0000ff; color: white;">T</span> G <span style="background-color: #0000ff; color: white;">V</span> A <span style="background-color: #0000ff; color: white;">V</span> L <span style="background-color: #0000ff; color: white;">T</span> E <span style="background-color: #0000ff; color: white;">K</span> R..	R..	141	
hemoglobin_subunit_zeta	EPVY <span style="background-color: #0000ff; color: white;">K</span> IL <span style="background-color: #0000ff; color: white;">S</span> V <span style="background-color: #0000ff; color: white;">V</span> ILE <span style="background-color: #0000ff; color: white;">V</span> A <span style="background-color: #0000ff; color: white;">E</span> AS <span style="background-color: #0000ff; color: white;">F</span> AS <span style="background-color: #0000ff; color: white;">D</span> F <span style="background-color: #0000ff; color: white;">P</span> P <span style="background-color: #0000ff; color: white;">E</span> T <span style="background-color: #0000ff; color: white;">Q</span> RA <span style="background-color: #0000ff; color: white;">W</span> A <span style="background-color: #0000ff; color: white;">K</span> L <span style="background-color: #0000ff; color: white;">R</span> G <span style="background-color: #0000ff; color: white;">I</span> Y <span style="background-color: #0000ff; color: white;">S</span> H <span style="background-color: #0000ff; color: white;">V</span> T <span style="background-color: #0000ff; color: white;">A</span> A <span style="background-color: #0000ff; color: white;">K</span> E <span style="background-color: #0000ff; color: white;">V</span> G <span style="background-color: #0000ff; color: white;">W</span> QQ <span style="background-color: #0000ff; color: white;">P</span> N <span style="background-color: #0000ff; color: white;">A</span> T..	KEVGWVQQ <span style="background-color: #0000ff; color: white;">P</span> N <span style="background-color: #0000ff; color: white;">A</span> T..	179	
hemoglobin_subunit_mu	TPPAT <span style="background-color: #0000ff; color: white;">L</span> PPSSGP..	SQL <span style="background-color: #0000ff; color: white;">Y</span> G <span style="background-color: #0000ff; color: white;">A</span> V <span style="background-color: #0000ff; color: white;">Q</span> AMS <span style="background-color: #0000ff; color: white;">R</span> G <span style="background-color: #0000ff; color: white;">W</span> D <span style="background-color: #0000ff; color: white;">G</span> E <span style="background-color: #0000ff; color: white;">D</span> ..	KELGFQG..	154
cytoglobin	TPPAT <span style="background-color: #0000ff; color: white;">L</span> PPSSGP..	SQL <span style="background-color: #0000ff; color: white;">Y</span> G <span style="background-color: #0000ff; color: white;">A</span> V <span style="background-color: #0000ff; color: white;">Q</span> AMS <span style="background-color: #0000ff; color: white;">R</span> G <span style="background-color: #0000ff; color: white;">W</span> D <span style="background-color: #0000ff; color: white;">G</span> E <span style="background-color: #0000ff; color: white;">D</span> ..	KELGFQG..	151

☒ non conserved  
☒ ≥ 50% conserved  
☒ all match

Figure 1: Protein MSA with Chemical Similarity Highlighting