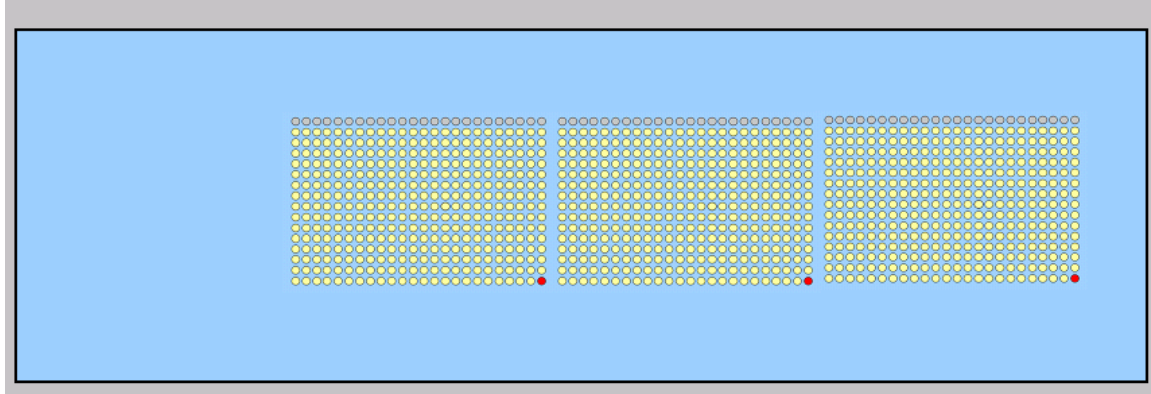


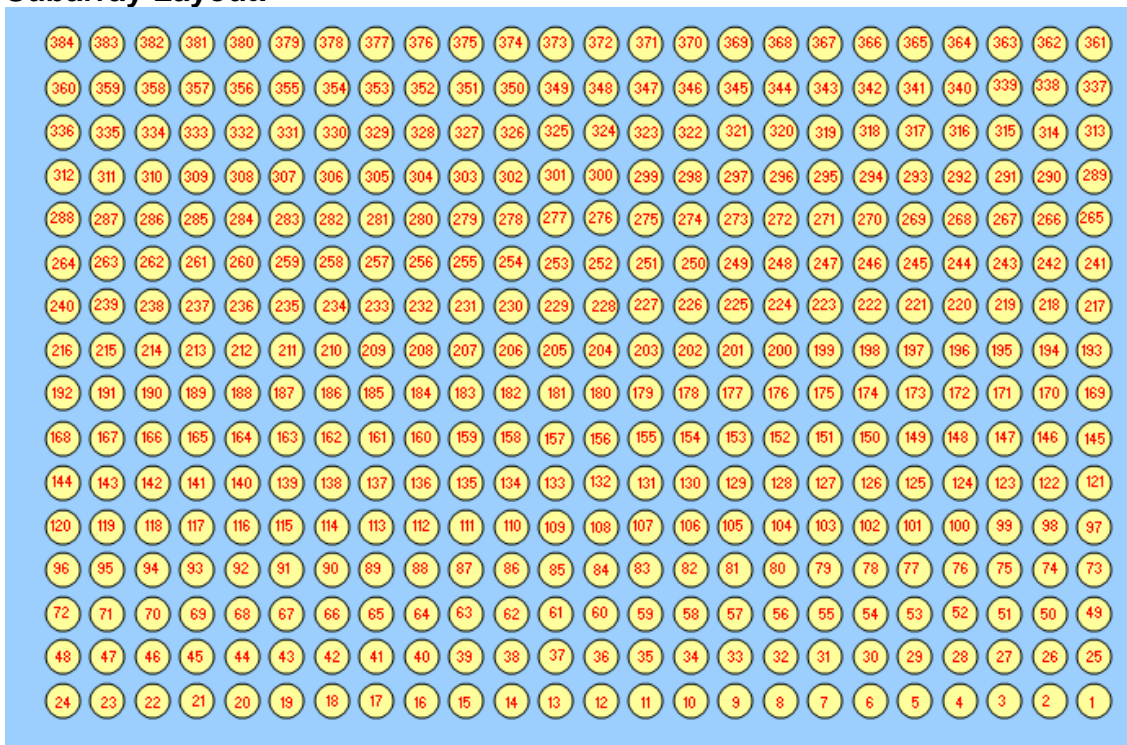
Random Library Threonine

Microarray Layout:

For quality control three identical subarrays are printed to each microarray (RLT_A, RLT_B, RLT_C, RLT_D).



Subarray Layout:



Sequence Information RLT_A

1.	VFSVLATNSMKDA	51.	WMRIFVTEGHTQL
2.	TGQAWHTSTQTDH	52.	TYLHYLTQVNAQR
3.	LHGIVETGGRRPI	53.	TIHGNITNLHKHR
4.	YMLMIITGNLNAM	54.	EWRDKATHMWDDP
5.	MWMNALTTRPMAY	55.	KMMMGGTLVIFYLV
6.	AGPMMYTNMSIWR	56.	WFDDKATFYWIYY
7.	DMTNMHTLWDEWK	57.	LMLPEQTPVAQVL
8.	WLMRFGTDYIDWH	58.	GTDNLPTNRLTFQ
9.	ILSYKGTEKFYKV	59.	TGAMVHTYDDQDK
10.	KWTNAPTTSSSTK	60.	IDQIDHTMDSYK
11.	WARNSVTYAWQHK	61.	AGGVGVTMVMVM
12.	RTWKMTTAQKRAE	62.	IIDTWSTRHQRAY
13.	KSDFRDTPVHPTG	63.	MEAFPTPEMMIRK
14.	ETGMPHTMFINHWH	64.	DSNMWWTEMSLGG
15.	GETLGHTMTFRIG	65.	VWRTAMTMMDKMP
16.	AAFHWDTYAKKYY	66.	MLRKNGTFQWSYN
17.	LRRVRSTHAGTSP	67.	ELDLRITLDAQAI
18.	VIQTTITFSLGYA	68.	PKWAAGTYAMWVM
19.	HHNPMRTPMNAIP	69.	DHGKSRTDKELEF
20.	KKRHRHTQYQNLK	70.	VYGQRWTPHIQSP
21.	TVQWILTDIYNQS	71.	DGLWNDTSWAYFH
22.	HAQFFYTGEMTKI	72.	VRIAEVTNWELPD
23.	EDTVHKTRPIEIL	73.	FPTYMKTEQETGQ
24.	RKRTFPTGNMHHH	74.	DYEQWATLTHKLR
25.	DQFFHRTGAWGVS	75.	IAHLYYTMNGMIH
26.	GDLSSLHTPQRPKF	76.	MNKPIATNEPTTD
27.	WYDSYATLYLAIF	77.	LEPGGRTKNLAIQ
28.	AAFRIITGINFGP	78.	IWSWFYTQEKWMR
29.	FMASHMTQLGRNH	79.	KTVSKWTEWDMY
30.	INHYYTMMFHNT	80.	YGPIPSTAFYMY
31.	KKASNLTHEGKIV	81.	DERYHHTNTFGDS
32.	MLLETETDGFPNH	82.	GTINGETSKRGQV
33.	HYRWSATYVPGNA	83.	PPSPVTIGLSFM
34.	STVELYTRLHFSA	84.	GAQWINTHNMHAV
35.	NDEIQATQGHRVQ	85.	RNQHFKTGIRANQ
36.	FLWKGTTVLIIVQ	86.	IVDRRLTMEAHVV
37.	GFSSHMTGPLGAN	87.	IWWFFLTNKQYMY
38.	PPTNHETAKTMSS	88.	YQAADTTWLKHNR
39.	WGWLWHTKWWAHF	89.	YTFEKYTVVDIYV
40.	MPQSSPTKHETLD	90.	YVKQGSTMKKDMY
41.	RMPDNLTHLRLIQ	91.	KQFTIETEYAPGI
42.	WSEEAITIMKGWE	92.	DMFDMGTYYWLAS
43.	IWSSVHTGIGGLD	93.	PVVVSITVIVESW
44.	FDWTDLTHAYVPK	94.	LETMSATMFFQKG
45.	DKLGNPTPYNLWM	95.	PIDGEFTPTINRA
46.	DRNEVKTWGMDSK	96.	QDYEYPTINEPWF
47.	HYKQPPTVPWIME	97.	EPGAWQTYFQLWP
48.	RNLDSPTPYGIMW	98.	FGIPTYTTPNWP
49.	HQPYATTQGSPTF	99.	ESSQNYTAPSGNQ
50.	SYRYHMTVAPMLF	100.	HHVFTSTHHKVTE

101. DGESHETEFYTM
102. PDDIRHTADIQDK
103. IVQFYITRQRQTG
104. FTTKIDTNPWEPV
105. ALGMARTYMNTSS
106. RVGDDSTDHGQGA
107. GMGFMSLQLDRQ
108. ATMRPLTFLHHNK
109. LFMAHITKTKMKD
110. KDRMTKTLTEYVF
111. WLDNHSTQAAWPA
112. NKYDASTIYFMMD
113. IYRYVITQYIPKA
114. LLKGMFTIYAPPQ
115. SMDRIDTDINLAH
116. TNALQVTTSTQND
117. WHPFNATLPKMHS
118. VAILEITQKKPLD
119. FLEGVNTPFSTRG
120. ESVLLVTANIDDS
121. PSQNVVTHQHMEG
122. GWFFIFTTIFETQ
123. NKYMKMTDTNQHV
124. GTKEYYTMQHRSR
125. EQYRAFTTSTHDE
126. TMPNMRITSGNTKP
127. NYKVNHTPNIPVT
128. SIPWKGT MIDTSA
129. RGNVWATMDRNGM
130. YIEGHKTGMVTSY
131. ESFWSATGDMIMQ
132. FLHKHHTLLYAMN
133. YYADMHTMHRSLP
134. TPNERTSHSDAG
135. AADEYMTLQYQKD
136. PDIKSPTHLKALK
137. ENVYADTWTMRI
138. YLHDKPTPDTKKE
139. YRAMTVTYSIRED
140. HKYTQKTGFTMFK
141. EIYRVTTFKVLNE
142. HVHGPTTSPYGF
143. IMAAEQTGYDMAG
144. HLYTMFTAFDNYI
145. LTNLDQTTGMKWG
146. DFKLTGHTALGE
147. SYENYLTTIWMDI
148. TINKSFTHVREEY
149. NKVHKKTHQWGHM
150. NMDSEATWGISRG
151. NPWKSKTNLRLAL
152. PRQRDFTPIGPHG

153. TSYDMPTSGLDPA
154. IAHGDPSTTKFTNS
155. REWDPGTSVEELD
156. AIRFANTGMNIGN
157. KQEFFVTPGMFYR
158. YAPRALTRIHRAS
159. HQSGEGTIEFWID
160. MEQQFVTQWNMPH
161. PPPNEYTEFTRPM
162. IHVAFSTVGTGDH
163. SAGDFATNPIAST
164. AKEAKYTIHIGKA
165. DGSTRHTEKSMSL
166. ELSMSGTYKHAQS
167. QHAAIDTVFGHYK
168. HHPHHFTRQILQL
169. LPSYTGTYHPSNN
170. MPGIFHTHNIEGA
171. SEDPKETRQAKQE
172. MYNPNHTDHTPLP
173. SLPVPIITDPESIM
174. MDHSLDTNIVPHS
175. SRQLEKTYRFYWK
176. SWPSALTPKSFTY
177. HYIYQITFAFWMS
178. KFAHERTAPHDIQ
179. HIYPKATLTPGGL
180. WRTWPWTSWMIIV
181. HWTTPGTRKFSSG
182. HQVITYTLPHILM
183. RPPVVVTLNLPHE
184. TWWPATTSQLIIH
185. SIRLLPTLWEGID
186. FKMRKETMQRKLI
187. FGPFVTTTEIRQ
188. YAQFGYTWHGADQ
189. TAEQEMTTVSHHG
190. PIKLMFTWGNMWE
191. IGDAGHTARQKDQ
192. KAQHDWTGSTQWP
193. FNIHKATHDDWVF
194. YVMITSTEQVPPV
195. WPVADKTSMNICK
196. SNGETATTGLFFH
197. HGAVMNTYVRNHI
198. YMGYSPTPMQYTQ
199. WYFTQYTFKVF
200. RSSVPRTL RHDFE
201. LVTLRWTSAGVYF
202. MQYWNVTNHMITA
203. GEMFKDTLRGGPY
204. GKQENSTHSDIKH

205. KYDRLFTRRTVHN
206. HPGDGGTQVDMKN
207. QEWIKDTHKGAMP
208. KAIPSYTIRRRTR
209. QILIAATKPEKFH
210. QTTKPITTWPIMY
211. NYNNLTPKLPFFH
212. HLKGYHTFWYWRT
213. SAFEMPTAHYHFH
214. VSETMYTKWHAHQ
215. TAIDVRTVEMNSW
216. IPQEPATSLDAAA
217. ASVYLGTSGLRW
218. QWYWDKTFWWWHT
219. MKWGRNTKYRWDW
220. KAKQGFTFRDDAH
221. ELEIAATIHVLQD
222. WRRFEFTMAIGFH
223. SDADERTYQWFFE
224. DIVWEKTVEYGPQ
225. YTFEGKTIGETDK
226. ETSFMHTGPIKND
227. SMFFFMTLQNTM
228. MSFFAITFHGGKL
229. FTWQIFTEVQHVH
230. SNIYHRTNWSRQY
231. KFEGLETGRIYWK
232. GPVWIHTADPKVI
233. METKHFTRVTGSG
234. WNQFLRTRHRLIEW
235. VYGRMRTFRKLLKQ
236. SMGWKLTTHKMMG
237. VGAESKTRLNRWT
238. GIHHFVTWIVNLV
239. PFPQDMTLATYLT
240. DQPEGRTSHLLGP
241. KKSNTITQMRHAF
242. LHVVHATRVLLETW
243. VIPEIVTKHQYNP
244. ANRAWNTVQYATK
245. QRYHNPTPKIEAN
246. TKPDNVTKLEHMG
247. FWMHQLTYRFPVP
248. LYNFYLTILPHEY
249. EFDGIQTPHDNLE
250. GIYVYITMLTSFE
251. YAYQAGTFLDKWF
252. VVTRVLTMDQMLR
253. NKMVFETGRNWKA
254. IRYFGQTLNLWEV
255. YKKGVTSDINWL
256. SAFKPDITDMVKT

257. KVYQYITDGNKWK
258. PAFPEGTFPMEPS
259. ENVIVATNQDQWN
260. ISGNYMTPQDMTK
261. HGKADLTTEFTVI
262. GIQHMYTNGPLDD
263. VDLVDHTVISNMD
264. AHASSKTHEVLYS
265. VKWQAYTLDVSMQ
266. GYHYGLTDGQLHW
267. FGLDYNTRATWDM
268. PHLTAQTKAGVE
269. MQPTLKTIVDYDA
270. WVIYRHTQEKFLH
271. LPVAVYTQVPEYW
272. AVDGTYTEHDHYTY
273. RTDMHQTPHKFGT
274. EPMVLNTPWNRNQ
275. GTKYHTTPMTMPT
276. VEAGWITMGFMQL
277. YKHIQFTMNDNGL
278. KRTYEDTRFFPIG
279. WMPVAHTSENTMG
280. TYQQDGTENFNLR
281. FWEWVGTYAPDVV
282. PIKEATDMKHFK
283. GYMTKGTEWDKWN
284. NHQQQATHFTWQH
285. FKGQKETQHMFWA
286. YSDQSWTGDDPKI
287. AKLATETHKTFDE
288. VGPLFATMENINW
289. SRDLEKTVLSRMI
290. EMMDENTWGRRMF
291. QFTKTPTVQOHMN
292. HETLVHTGLMNNE
293. VHTAYGTGWPRQV
294. AFIDYHTVNIRPD
295. EQQAYNTWTGRND
296. HTYIWLTTGGVAEA
297. SDIAAPTPKERNK
298. WFRDGKTVTDMSI
299. LIWGNRTNIRPIW
300. QAQLVETWLHKVD
301. GWKISVTIIDVR
302. YFEILGTNNNPEY
303. TRPALLTHWSIID
304. MIAKEQTQSRHSR
305. SQFYTQTKKMGAN
306. QWEAQDTVPKEIA
307. KFHTIYTEQTWYH
308. KRMFNWTWPGAYI

309. NGAIVRTWSFAFQ
310. MNDKIMTFVYRQT
311. PKPNTSTRGRQWA
312. GMAINKTHHWIQW
313. HKTAKVTHGIDSR
314. VAAVTYTRWLTIP
315. GYDNRKTIEDTRN
316. MPQPSTGWSSGMK
317. KKIDSMTYFLRDL
318. HHTQMYTDVDPSE
319. YMEDHTTIINMWT
320. TPADTITPREDPK
321. YWETHATDRDYIY
322. GLNPLGTIGDFDR
323. FVKMWQTKRFPQV
324. YPKNVMTPWKSYW
325. APPIHRTHPRDAG
326. RILGGDTNISLQS
327. DDGEWATNWWLLF
328. YPARMITFGRDIH
329. GRFPHTTSRDHVI
330. STRVMYTSIEVYH
331. GHNVDFTLVTKHN
332. THPGFDTFWATNR
333. ARTFSRTMVKEMA
334. TINIKVTLNEMGW
335. LMVTPETMAQRYK
336. HADHAFTQQHERL
337. AHFQKTTTPTVHY
338. NEKRHETIWKEII
339. LAPPVHTNGDQHA
340. RWFYKYTRQYEPF
341. SIIMFSTARMQLK
342. IGLAAETWTEEQE
343. RDVAELTRRVFHH
344. VWKRTSTHDKTFS
345. YNHQRNTASKDEK
346. SMTLSWTAFFTQQ

347. NGGRIFTYDFHID
348. HQSMQKTEDWQQM
349. WLEWSTTHPFMVI
350. NANMNRTRNHWNQ
351. TVNYDRTESSEYE
352. IAQGTPTDERHDQ
353. VSYTNETMSLMKM
354. EDRLSLTASPTVI
355. SRHVFETNAWVQR
356. WYNYETTRDVWKA
357. YQYIYSTPRIHIE
358. WFATFGTRQIPRI
359. TKMRHGTNEYYYG
360. HGAMWVTHYKNKK
361. SGSHHETVNHPMV
362. LQATMQTQRSFYI
363. FEYYMETIPNPGS
364. GGTKSYTKYFYWT
365. DKQSPQTEWYKAQ
366. GLLFSYTPVWQMW
367. PIEFLPTQSAPAI
368. DQFSHFTLDEATE
369. GHKLAVTRAAAGA
370. VWPQEHTEGYAEM
371. NFQGKPTMISPYF
372. AMFNNHTYTAQEL
373. LVGRTWTPFLING
374. QPPRLVTWSYNRE
375. TTFTVMTFSIFRI
376. INDMIPTNHWSAP
377. WNMANQTGDWGNR
378. KAFHEDTLDDEEF
379. NRAGEYTLKIAAK
380. RMKAAYTLFTYSF
381. NKEGMRTLNLPSI
382. IYAGPFTIKDFKE
383. RPNWDTTGLRIEA
384. YLMEDWTNKHMKQ

Sequence Information RLT_B

1.	QSTLIATWNFKSL	51.	VSRAEKTSDWKFL
2.	VNPYNHTDSNFIQ	52.	NRSMPHTYMDEPY
3.	MRLALGTIGLLFK	53.	VWATKWTGDFNKM
4.	ILIWGNTHTPATQ	54.	DEAWSKTGALATV
5.	GNVGHGTYYMQKA	55.	YLWIAFTYSDRQH
6.	YRGKWKTPITMF	56.	KIWRAYTDGKIWI
7.	WQKMNQETETIRTK	57.	EHYLRWATMFKFHN
8.	NVSMAWTPFLHPT	58.	WDYKPRTIAKENR
9.	KNIQNTTEMIRTQ	59.	SELNDGTPSNKSN
10.	RMSYRLTPLQPSQ	60.	SGTGIPTMFAQMT
11.	EHAPLNTQHMRSD	61.	TPSVPETSYVTGN
12.	WDSMLMTYNFHLA	62.	TTEDYPTTSRSQQ
13.	QQKVEETS DWIMM	63.	PTKIKWTPNAEVM
14.	AFPPEITEGEIMA	64.	TAVIEHTRDIMSM
15.	TNEYIGTYHNWGF	65.	QQNKWKTLYDGGT
16.	SKYYMWTDFWSTT	66.	QPDEWGTDHRELD
17.	WIVNESTRWFFDE	67.	NLAIYPTPPWMVT
18.	YAWDVGTITSRRS	68.	KQWSQQT PAMWTK
19.	GAHFQATAKWAQF	69.	KRLDIRTIKIGQS
20.	DRRDWRTMQQSMV	70.	QIPLPLTVYMNDP
21.	LQIPWMTEFADKD	71.	FKTQWNTWTAGIE
22.	HMERADTVRGWTT	72.	PMINEATNAHTNV
23.	KFKESPTLSIDL T	73.	TKYKPPTTLIMHM
24.	GWKRVTPIFWIL	74.	KAIDAKTMGKLYH
25.	GHRSNVTIDVYVY	75.	WDGSWTTGFIMDL
26.	GMIPPHTYVDFYL	76.	KKVKYFTWTGQIV
27.	TLNYSTTFKSAFD	77.	QFDRIPTSRHQRW
28.	MGEPHSTLGFHQ N	78.	TTKEPNTFIGLDK
29.	KAFWNTTINDNQ S	79.	IEINQPTKIKYYY
30.	AEWEGGTT HESPW	80.	ITKSGRTNRMQTN
31.	EQKANNTNHDWS N	81.	HAVMTW TYRIDYF
32.	HMSESWTDTLHIG	82.	LMLKPGTQGF IKP
33.	WSWISSTKDSAHL	83.	LTSFVKTN TIFQY
34.	IITIEKTMQEITG	84.	NQHLMTTYAIRKD
35.	HKAPWKT TWKLN T	85.	FMMEEQTGFFDIH
36.	MPFQSNTVQNILT	86.	MVWVGDTITEPAQ
37.	THWVKHTWHDS DK	87.	RITLYPTFVGTNA
38.	APFRDMTRDDYFE	88.	EAHSGD TTKFSPE
39.	QEHRSTTKR PYTF	89.	QYGPASTRETHMG
40.	QADHTSTHIMWVQ	90.	SIMLHNTFWGHSE
41.	GHSKWK TAMYRLT	91.	ELQDRGTAEQGM I
42.	AHTTATTGW TYRH	92.	FVDEVRTRWDEAE
43.	FMSTQWTVTARML	93.	PFKVAFTMFDNRI
44.	QALQPMTAFAETF	94.	AIGIHHTDEDFGE
45.	ADSWQQTTHWQH G	95.	RLVQMNTAYMTDK
46.	LPHQLNTKILVEL	96.	LFNERRTGNQVSV
47.	WETAMITSNWYTS	97.	IGWSVGT YFPMNQ
48.	YSTRLQTI PKQLH	98.	WVIRNVTVIWPAD
49.	NHGSHVTTQH MVV	99.	EFKNRATFAWVLS
50.	WTRTIYTTYW HSA	100.	HGKIRMTHGMNLV

101. EVPEMPTFTGSPM
102. NNELDFTREKAMD
103. PAPDQFTAWTSVA
104. FKYQGETHQEYEL
105. FWRLPSTHGTAPM
106. ADAFYLTMPFMPL
107. VLPYPSTRVKAWI
108. FKGAFTTHFAVWE
109. VIRGKMTWFVHPI
110. MWRAPWTRHGRMY
111. GMDGMPTKLNFR
112. LMKKFETSKVLLN
113. APEHRMTRDFGLN
114. LAKKAYTPWAPQD
115. HWLDFVTQYGEDA
116. EDHAKNTLMRNLP
117. FHKQATGMIDIL
118. EENYSYTMPLAWA
119. NKAANFTATGDYS
120. QMYQWWTQWLYVH
121. DPGLKPTNQHYSI
122. PKASILTWWEYGR
123. SSFQEMTVTGQML
124. AKLMDNTIPYLYV
125. RRRYDGTGRQKYK
126. NGGKLMAYDWTK
127. MYGLNPTHGYRKP
128. SMEQSRATDRIM
129. IGHMSKTAWWHTD
130. NMWPSNTKVFSV
131. TAYGGVTNMYYWK
132. DRIHYMTVWLWQH
133. VSPAPATRTTINT
134. NETKYITDRQMTD
135. KRHHHETISIDQR
136. FLGHLLTFSPAMF
137. LLHTKGTKSPENH
138. RRKIEITEYVPIE
139. KNIWSLTSEWGLA
140. TKHRRPTMKKYNL
141. VYATMKTNMTYFN
142. MNILWPTNLFMIP
143. RKLMDLTDIWMNH
144. FDLKLYTSATKKK
145. VAWGPFTHHSMAS
146. WPPIHTTDKDNAI
147. QEVFLYTHQRYWA
148. EKSNMRTASVMKN
149. SNTVPVTIHYSYS
150. GDTDDNTYEPTAM
151. IMRSGQTWSWTAF
152. YLNDNDTTVLAEW

153. VWPEADTSLPMED
154. HWLDERTIVGHIQ
155. GDFMTNTARPPQP
156. SNMWVHTYKYELH
157. INERKNTIEPIGH
158. LWRESATSGHPME
159. NKRRPYTDPQFSE
160. EQIQDLTGMYNE
161. AEVGMQTNMIDEQ
162. EWNNHATNNVRET
163. IVSANRTRVPHGM
164. YMKYAQTLKYRPA
165. ENFLGLTYSFPPQ
166. TWARLLTDWTKHH
167. RWYNAWTGQQELG
168. PENQEATMWTNYE
169. KLKIWWTFNMLSQ
170. MYVDWWTQIIAFD
171. NNSLATTRNHWHG
172. LHPQLKTHYYSWS
173. YFGNWPTMFLMWW
174. KRLTNSTQFKHYK
175. KHNQGITIQSGPF
176. TQLINVTNAILAY
177. IRFIPVTFYHFEP
178. GEYRMPTMDWVF
179. LILTETTAVTSSG
180. VKEQAHTMTSIPD
181. DWRHWPTEDSWKT
182. KTFGESTYDRGKF
183. RWVGEGTQTSLWT
184. WFYWVMTWLAKRS
185. HFKLRDTWQNEAL
186. QWPDEETDVQPQI
187. VRRWILTYILNIK
188. FDMIWFTGLEDVL
189. HTRKNETTMMQNG
190. ESTVQETDGVRIY
191. VMHQVGTDHDTWE
192. GHKYMPTDHWQV
193. GNQRGSTRGFMQM
194. NFQQMQTKHTFKW
195. RHMLYPTIQIYTS
196. VRDIPMTYIWISM
197. YEENPNTMMTWAF
198. FWFVAVTDMTMOF
199. NFIMPHTAVQLMA
200. QYDFDDTHMYSKP
201. MFDVETKREDEV
202. SHGAGHTDDMHRW
203. STQWIPTKVDPPW
204. IQHVPETNVKIGA

205. NDRDKMITSITSSM
206. LNAANFTFPPEAQ
207. MYRSWSTRQIESW
208. NWHIHFTGPPRRV
209. GEFNLHTGGERWF
210. WYRQFQTTWDAER
211. QSGHFKTWQLERY
212. WIVHFLTEDPKFD
213. MNYNQATPVNWDT
214. MVESEQTWIHWNV
215. SDTDYWTEKFGIM
216. FRYMRKTRWLWSH
217. PDWKAITVKIFDL
218. HMQTKVTSLMIFF
219. RDGKNNTQKAKTG
220. VSLENITFNIQRF
221. QIYAKVTGHHAWR
222. DSQMGTLLMEKW
223. RSSMQTQMLNNA
224. MPMPEFTHQGMDY
225. VFHRTYTPQTTNF
226. QKKMGLTMRITAL
227. WNFAAATQDLPPS
228. KVLGANTWKMRWI
229. QPEQGLTYVDLRF
230. QLFYHKTVWQDYE
231. YEMIQATEDRDYN
232. PMDYWHTGADPTQ
233. KANKNGTMDTHPS
234. HITYYWTIHAFEE
235. KEPIQMILLMQNV
236. GTKVEYTIHPIVL
237. GGTWMMTTMWRFT
238. NPTGWLTAGGGWV
239. GLGIPITAWYMGA
240. QQFFMETEWFP IW
241. DRLPGATEDISFE
242. KDIYWSTWDGPPE
243. IMDHQYTANNDFI
244. TISFWYTEPYAVM
245. HLRMMITQGFHNW
246. WDKWQETWYWNGF
247. WWPVQITSFKGGN
248. HAWPGQTKDGRVA
249. FLALENTYYHYHG
250. EERSYFTDVEQPT
251. HWVEMATFPAEHA
252. KALFVETSSIMWR
253. YLQVHSTTYLTYN
254. YTETKLTIRQQQG
255. PNDEELTLVIMAF
256. THIQKGTPNMSRN

257. IREWQRTGPPSPAR
258. KSWPAPTPKDAFK
259. IQEYNETFTKTLK
260. SEAGFKTWQNNAL
261. ASYTEVTQDGAHQ
262. LHAAWETKVLQTL
263. LPGQQNTTNGNGYF
264. PETWGKTFSYPPS
265. WKHSSYTKHTLPV
266. TPWANMTGMQLQT
267. QKWLSVTARTMAM
268. NPLDLPTTRAPMA
269. VNSSSMTQYFARD
270. VYQNIQTVWGEIY
271. PMSRNQTDKQHL
272. GGRYPSTTQTRFP
273. RAKMSFTWQFNML
274. MDSHEQTSHPDET
275. ISMQHNTEKQRAD
276. DPWLSITIMFHNQ
277. NFHHHVTEMHESM
278. LNLGGITRIVGYE
279. ELNGIHTYQLGRR
280. FRQPPRTWVRFY
281. VKGFTSTEGAVEK
282. GTNSVHTVNGIFQ
283. LIDKKTAAARGHR
284. GVRLEMTTMTDEN
285. WPTVHGTKQSYEH
286. HHTDIYTLVPHFQ
287. VLHRKTTSERWSG
288. WKSNNSTSAVQSV
289. PEFWEQTPREFWT
290. FYDKYPTLLARIM
291. FVANPETLYLINT
292. LKDFHITWLPMQL
293. DRMWVATIWDGNY
294. PNMAIWTDNHYVP
295. HKMDPKTMKVPSQ
296. GMAREDTHRNGTW
297. TRMQGVTVVVMFF
298. RGGSKGTNHNAAF
299. TYVLWWTLEKLNI
300. ATQRPSTQIMNLR
301. GQEINGTGGRYML
302. FEHYDSTMLVHKW
303. AWFERPVTYFGHT
304. ISTMYHTPTKRAF
305. IMMNPETRIHNHY
306. GQDKQDTFWKSNP
307. ESHISITRSTSM
308. WLTAEVGTGEQWLY

309. GGDESLTEVAKHK
310. PVEDPYTYKKNYID
311. WTSTSRTPMPSNE
312. FIGYHTTVVDWMW
313. LGQWMYTGAESGK
314. AWNEAVTHAQTHK
315. LESLTIITAEFVW
316. NIINTLTTSIPMM
317. NFFMRHTMHWYLS
318. QFSHYWTRTKPAT
319. HVYDYDTEYRRPQ
320. RHLYVITAHGGGF
321. QFMPLTTYVKNWY
322. VMFPRGTLVDAQN
323. GWWFPDKTNYTV
324. GINESLTPSEMGR
325. YVWGELTIRQKIM
326. TRARRATVMLFEQ
327. DQVNRQTSVNRSF
328. QKGAMWTDPLRN
329. HSHVVTTEHFEAM
330. SNSVQITLMIGLK
331. LADERSTTRLNQS
332. KDWPYRTIIMVKD
333. RSLYSQTLKIVYG
334. QMSPIITIMVIYK
335. NYVGWHTFSDTWW
336. VKAWPHTIPGNWV
337. HLVHQGTRHMYWQ
338. EGSWWQTIIPDVK
339. PKFWHTTFGINYT
340. TKIVMITARYPDA
341. IYNRLATTLTDVV
342. RSMTYFTQNKIKM
343. GAHHEETKNDSGE
344. DWPLGSTRQIWYI
345. VAVDMPTSAYAEPV
346. KIGSMNTEGDTGV

347. EGHPPMTGAGADK
348. ELHALSTGRDEPW
349. SQLNPYTTAKEKL
350. YKMMRYTWTNWIG
351. WSHDWSTFILPAG
352. TQQGANTMGFWQM
353. DYRYAPTLWVRDK
354. DFLWEVTNVDDHF
355. AVTGKRTKKFFEL
356. PTAAEGTKEWGWG
357. ARTKSKTVEVSW
358. KLGNIQTRHVSQH
359. DRNTMKTMMGIQQ
360. GFHRVQTIGIPI
361. STIHLDPDGVEG
362. KWQGVNTIKHDVK
363. TMYEMYTPAPFQT
364. NFQKIHTPMTDDP
365. FLRVGRTEHLEW
366. YPLFPQTRDDLNQ
367. SLNLDWTGYRYRD
368. QTFNFETLNIFHP
369. ELYTQTTMYLDRD
370. LGLALATWWLQVT
371. LGQPNGTTHYNWP
372. MQNSTFTHLNQIR
373. AWHHLRTWMKHMV
374. FRTKGQTAWQYAP
375. ITYHAMTHRISNA
376. VHFVSVTIIGDAR
377. WKIGNFTSGNHQD
378. TGAAVMTDFLYPV
379. QKKIRPTIVGPKK
380. DMEYELTMSNYAR
381. MGPFSWTHNELFL
382. TRAYERTQRAFNG
383. EYGQGSTMDQHDG
384. DLRRYFTKLEYFP

Sequence Information RLT_C

1.	AVYPIFTMEMNQE	51.	VDYMMATGWIATG
2.	PFNPNDTDQLMHR	52.	KRHRWDTRDVTMI
3.	WGMVRLTIMKKQH	53.	QKNHGLTGQYKQN
4.	PYFYPETERTWFM	54.	FLVYVYTMAANQQ
5.	GRWMTVITYPPTIK	55.	LSVFHYTYMTPPG
6.	GRPFQTTKLEHFA	56.	FAFFDWTWHIDHL
7.	EQFSWRMYVHEL	57.	KYSDMATKLVSIA
8.	LNWFEPTHEPDYF	58.	DEFLDFTAITASG
9.	HREYAQTSYLTVK	59.	KWKSAMTTDYMRE
10.	GEEHNLTMIGDPI	60.	RHQTEATVVVYYN
11.	RPHMQGTTMMWNE	61.	NDITITTDHVLTk
12.	NWQVKDTIDTNAM	62.	RTLFDNTEGFDWQ
13.	TGREEMTFVHFQH	63.	YPEPTNTEMLVIN
14.	ISLTQRTRMYSAS	64.	VWWRTITRYGSSK
15.	EMLPAETDRKMTF	65.	NKDGQLTESTHTL
16.	DKTPGYTHEIEET	66.	DSDHDTTFHMPGA
17.	FTNWDKTAPHIAG	67.	QGWMTSTRHSGYF
18.	APYYLKTPIGQYM	68.	KPVDIHTVPTPFM
19.	FDFHWHTQSKFEP	69.	GRVYRHTPRAPFN
20.	EKQKKITFFRIAA	70.	GATHQKTEQTYIS
21.	WHFYVLTKGEGFF	71.	NSSHMITTNFMGR
22.	HPDMYNTIYYVQA	72.	EEVGMMTGIINSY
23.	MKPTGVTQWMEDM	73.	FIITPHTIGDMGH
24.	IPWFVQTKWNALP	74.	HHGGKDTMMP IER
25.	KAFVDRTPALHYG	75.	QHGMVMTDQFMNI
26.	FYPYIYTMPHRWT	76.	EQLKIYTPTKKWW
27.	DAIWPETIMRLKH	77.	IGPSPMTYNNSKF
28.	HKPEDGTPQWKFI	78.	HRQKAETFKPHRN
29.	EWTSRTRTGTFSK	79.	TKKRNSTQAHEAR
30.	YWVWMQTNNWLNR	80.	DRWLDTTQRYWTP
31.	PSKLADTSLHRNY	81.	HTTFLYTARNQWK
32.	GKMIVGTAWQLDV	82.	PNENHSTGIPPEH
33.	ISSNHMTQIGYSQ	83.	PDSFRNTTIQEIIV
34.	MLDWFKTTPPSLP	84.	QWFHHVTNITSRI
35.	VYNEQTTYQIGIH	85.	KPRSSYTWKIYAS
36.	MVYMEYTVDVMWV	86.	QESPDATMVRQEL
37.	RELWDVTGLDKEH	87.	RSPSLRVTLI IVS
38.	VGARFFTGLWEND	88.	HMQMPRTKRMQR
39.	FILISSTGLELNV	89.	DDSSWETEEDQKA
40.	SFLVDITEHFLNY	90.	VMFHKQTFARPNE
41.	GLKVRYTKALQMI	91.	KKEKVTTAWNTPN
42.	HYKPANTESLLGR	92.	I IASNYTDQRTRY
43.	QAGPMLTRRFRYF	93.	PYWFTKTNSAMIG
44.	NAEQRVTERGIDM	94.	PIKIKITIFIKRM
45.	IYTTATTTDYSFP	95.	RS GIFETGTTIFF
46.	TVLIGYTPMGHFQ	96.	SGMEKLT VINGGQ
47.	VVQMWNIVSFHMH	97.	YIANFTTVMWLLV
48.	HNAWHVTEVWDDK	98.	SFWMVSTF SRTIN
49.	LHFHLRTPMKSYK	99.	YPDHLATVYGYQE
50.	SGSTVVTF TYRFL	100.	SSSRKTT EIVKFL

101. GAHEPATTLKSYF
102. WLYGWTQMSGDY
103. NWGAKSTGDWMSY
104. YLPHANTTMRGNL
105. MSKGHGTIADLYH
106. KTEQWTTPVAWD
107. MGPRLFTFGQNRP
108. VEFKQLTGFMMSQ
109. QSLGMRTVTTWVL
110. GNGAVGTFAFHVD
111. MDQRANTESMGS
112. VGSIGQTPMKHIE
113. NLLAKVTILTRQF
114. QHRKTMTTLGFFT
115. HVAAIETIYSRNL
116. YIGISVTILQSSL
117. RPVWDVTPAYYAV
118. NKALRDTVAPHHV
119. MHQDFRTEKMSHF
120. VMRNNVTYITTGG
121. NSIQDPTGKAEMD
122. EGNFYNTETLTRM
123. WTRMPVTPVRPFV
124. WNQYLWTQIVKNI
125. RLWRTFTSELRMV
126. VLNNFATMLRPRE
127. HELQNP TDQQGTP
128. GPQVAITVSTWDQ
129. RIFVFQTMIPIDY
130. NFYGKLTITIGGSP
131. NLKARATMGILGR
132. TTYHAWTQHRIAK
133. LSKTGFTEPEAME
134. PKPGDETSMKTEK
135. RFAGANTQMERAS
136. MNLLNHTELHHYY
137. YKLVYITLVVPIV
138. NNFENFTRMTMSI
139. TWPQNITVYTRMM
140. VSSAQITKKHQEE
141. GDQGDATPPWREG
142. YTFEWKTWEMNLW
143. HVDWATTPLYRND
144. YLKVHGTGIGKNF
145. FGYQRSTNFKSWI
146. HHQQRYTTGFPAP
147. WRHSGMTWWIYID
148. GNGTPLTSVQAPE
149. GEQHDGTESSWRN
150. LNSQNWTYFIKYG
151. TRGRAETMFSANG
152. QYRISKTHSISQH

153. IWVVENTHASYLL
154. PDEKVRTLPQRIY
155. TPNFGRTLIIIVQ
156. HPHSKQITMLMRPW
157. YMIRYMTFTGTVN
158. VINEKATGVMLDG
159. TRDMQRTETNEWT
160. GIHKYITKHTWMR
161. LMGKTFTTGIHFH
162. LDSVMWTDFTVVR
163. NPMWMITAAIYPS
164. KKPIPLTVGIPAH
165. LASKHNTSHYEIN
166. ATGNPVTMKPQSR
167. VQAFPITGYGSAD
168. VAGMVSTYPDQIW
169. KFPTYNTKQLEQT
170. RRSWLLTVFFYYY
171. RLAPVYTTSQGWT
172. QYGQHQTGSQAYY
173. VLPREMTWFGFQN
174. IIMWLLTHNYEEE
175. RAPKQITFVLQRA
176. LSEEFPTYPTAKN
177. VTKNDSTQVFYLV
178. QWQSHWILDKYPD
179. WVYVGGTRDNLTH
180. VHTMTHTTIQQTR
181. NMEYIMTKVQTWI
182. PKEYSRTEQRAKK
183. GPDEEKTKNWDNM
184. SQGIFKTEGEFPG
185. HHVRGTTTKKVLN
186. GDKFPKTASLWPY
187. IAVPFVTIVGNQG
188. WSMLAQTSWVMEY
189. SHIWRPTKKIPMQ
190. YSVRQYTLIYLQS
191. KVAGDKTQMVEWL
192. LGMNSLTAINSDF
193. MHTGEKTLTWNGL
194. NNYYPGTDGFYIY
195. GNGHQETIVYVRR
196. IPELWVTHHYTDN
197. PITLGHTWMVKDY
198. DIMEHVITGRKVP
199. RKDIHQTAFTDWL
200. PHDRMGTHSGHQP
201. AIAVNATEAVLLP
202. TSKTAMTITRTML
203. KYEGGPTASWYPA
204. WRHFAITLYNHRY

205. NLRNVETGLMVLM
206. AFGMMETLKWQIT
207. IAF'TLITPTNREH
208. FKNHWMTYERFYL
209. LGMGAVTPDNPMQ
210. MNFVSQTPTMSSF
211. QPHPNMTIPNIRN
212. VYLPGKTSDMYVQ
213. GINRMKTWGRKHF
214. KHNMDSTKSMEST
215. ATATHFTHPQPTW
216. VLGQNSTIQSHWK
217. WTYNIWTRMRHLF
218. HWIAKITPSELWP
219. SQANRQTMVEADQ
220. NRMAILTMGTWKD
221. PSGKRYTFTVAAL
222. NRAGLGTAQNWID
223. DWWFRRTTPERAD
224. QMTSNRTYSQSDI
225. KTDGGHTLNFSGF
226. KFVSIETFHQIDE
227. YQIHLVTVNAVPK
228. YQAGQOTLWYMF
229. PMVMAPTKTAPLP
230. LEKNNSTSLEFVA
231. YYSNRTGKIYPW
232. SHEFYVTREERKH
233. YSNNSFTEHAYYM
234. QRNGTKTKHYMVH
235. SGGFYFTLKDAAV
236. RPPFFRETGTPPMG
237. EWDRLNTFNNNHH
238. NRARLGTVLLDWH
239. KKWLYLTKKWGNP
240. FWLIKETTPTVMK
241. QMYFSVTHTPMKY
242. YNYEATFIVHWT
243. HWIKVETKSEYYR
244. GQAFNDTVTAAAFH
245. TVVIQPTWLQHLP
246. NWWWIStADfSTE
247. NHRTQTTEQNFGM
248. RSLDHRTSFHQWW
249. LEVQRMTIRIKWM
250. TWPDKYTDGVLSS
251. DVPGMPTYEGISR
252. GIMREGTSTDMII
253. MQDMLLTRWFSAE
254. ADGQEWTEWEEGP
255. DTMLAMTGRPLIL
256. FMAVGPTVWLPPP

257. FMGEWMTNHRROQ
258. PYFGKHTANAWKV
259. FFSMDNTVFQQWW
260. GYVVSGTKNSRAY
261. MNVDTWTAWFVDA
262. PWKFWGTMYTARR
263. TQGIYYTKHARRN
264. KHHPQKTMMQFRI
265. IDDQWWTPFHIIY
266. DMSIHYTARAFKF
267. HYKGIYTPTVLRP
268. VMMYHQTDLQMIG
269. GMFESITWEVGAA
270. HKFWNQTEKEAQW
271. AIWSQPTHIKTWD
272. WTDVSIITFGSWNK
273. NANTKTTFFNPDD
274. AWYFSHTDPRRMD
275. RRMKKETNIKDKQ
276. YATPAKTHRGPR
277. LRPGKQTSRAVQM
278. EYWIQETPGLAMA
279. WIADTNTPKVNHV
280. KNRGWYTDGWLKH
281. PKNTYGTYMDHDL
282. ILGLSHTNNYLNK
283. AIVALSTFIDYLR
284. DAISTITSANNTA
285. WPPYDSTPHPAEG
286. RVLHIETVfyITE
287. DEQVYWTRENNPQ
288. LMIPIGTPRHDEP
289. RGEYMFTWGRSWA
290. ARVKKFTMSFIHV
291. NNIFGPTLQDRLV
292. DYVEMQTDQMSFM
293. HAPITITAITWQW
294. VNNTARTMSAWPQ
295. ANYHSGTWHMVDA
296. AMKWDETGLHLDK
297. EIHWHITFRLPSK
298. SWTFVKTSWDLMV
299. WNPDPKTTPPHRT
300. MYLMQGTyHKWQV
301. WKDGHTTFDANLT
302. FQKGLLTFIRWFK
303. SPMSPGTMSIHTS
304. MPRVSETFGPNWV
305. ITIPIDTAKYHNNH
306. VTMGIFTFPEDPR
307. GRNPKKTILWALE
308. WEKWDATTQRMNM

309. YNSIDYTWRS LPA
310. VHEWRVTVAVDDN
311. FEAFRITQYNAGW
312. DSYPNNTKQMFDE
313. SLGMYPTYYGDKH
314. TQHAHMTENHTIG
315. WPAWQITTIWDAT
316. SRGHSQTPARYLE
317. INVWIETGMYFEP
318. SGKFMPTLFFFMT
319. VGFPPATAIETLW
320. IHLWWRDATNPE
321. THQYDMTVFEHYV
322. PKYAWRTAFVDQW
323. LIDYLWTPYTGGRG
324. LGWEFATYLVDTHT
325. IFDMRATHGHMQE
326. RPSPNWTALPWEA
327. WWI IHFTIMKRVK
328. SVTKYMTIFTMDW
329. FQPFLFTMPSSD
330. DPTKINTEGLLNM
331. MWAEWSTEWSMLI
332. LWMPNNTKFI VQE
333. QFRLNNTKINPIV
334. PYRQPPTPVSIMS
335. VKMVRMTYTYVMQI
336. RRTHGETMDLLNE
337. NWSHDYTFDELFA
338. GWADSTTINAYGF
339. WPHSMTTYILVLI
340. YMKHHHTDYSYFN
341. MFKAWYTA FVYVL
342. TTTRLWTEWFPWA
343. EWFILKTDWLNMA
344. MEPLDATLQGLFW
345. KIANRTTARSWYH
346. EWMVPGTLFQHDY

347. DSYMTATWDAEVG
348. QDDTMATSIFFFIV
349. NPGLHDTHMQFKA
350. ELLELETKFRGFS
351. KLTWWLTPMDAMW
352. NWSMVQTMNTNV
353. MIGWRATSVFKWL
354. QYLKQORTH SWKES
355. YWQNE MTWKMQIS
356. TPGLYMTLAKVRR
357. AFMFGQTSPPFYV
358. NNMNPETLVGHIE
359. GEKLIRTDYQWVN
360. DGNYQLTDEENSF
361. PVTDFDTTSWTQP
362. NYHDDDTFYENQT
363. IRDSWHTQKVSFH
364. FTKYMN TIFVASM
365. HEVSQQTEAGFDQ
366. TWHTNWTSHDVKY
367. RFYWNL TQFWWND
368. RSRLIKTHIMRPH
369. YQWILATGRRPSP
370. QKSPWITGTNQM
371. PTRKSHTIHYSQW
372. TQFMMDTNSGIGS
373. KTHQDLTYDMEHK
374. YHRQSMTNANYSE
375. ATRVDGTKENHFF
376. KPVAKMTQFTTMQ
377. GPDNAITQAVDTQ
378. EFFHMGTAQHTNK
379. MDPHARTEKSNHQ
380. IYFSDHTDITIMV
381. ADINGKTNPGASE
382. ETINDMTVWFKGP
383. RKDDRATMGNIPIY
384. QVNIPITYSEQLH

Sequence Information RLT_D

1.	HLEWKHTSVTYGP	51.	WNMDPETDFWVFF
2.	KIMNKTTLVLYDI	52.	VTLWYYTYRNAVN
3.	PDYYEWTRNNVIS	53.	PMRSAQTENPHQE
4.	RTFREFTMQKYDL	54.	WYWWIFTMSNIFL
5.	VSAHFLTDHEFDQ	55.	PKDYSWPTYKGENI
6.	HTESEATNAPATA	56.	MLKDAHTPDSIDR
7.	IQHKVWTFHERWE	57.	KDSYTRTNVMVIF
8.	MPGGKRTRHEAPP	58.	KMENLATHINLSV
9.	AWHWKETNLTNVH	59.	MQHFTGTQGSHVP
10.	KLHSPGTTFFNEPS	60.	NNQKQFTVQQIAW
11.	LMYGFATWHRYMK	61.	LGVWAHTPTSLPL
12.	SWTHHDTQRTMGN	62.	MHILWSTKYSMVQ
13.	FWKHVFTHIGKIA	63.	TLYTMVTMLYAGH
14.	PFNKGKTGIVVDG	64.	AKLEDMTLEEHRP
15.	RDNQYNTPEVVPV	65.	PHLEFWTQGDRVA
16.	TIILSGTYWRRHV	66.	YAGEGLTWMHNNL
17.	VSAKDQTMSTWNRV	67.	GRWITRRTADKMK
18.	SRYQGMTYILRVN	68.	KDTSRITAFPVGV
19.	GNFFHSTPQYIFQ	69.	PGRYHPTKPSNWF
20.	EPRDRGTFPTDNW	70.	WMAINWTINMTYF
21.	YKEYNMTTSFAIW	71.	VTFKWSTKDVGAS
22.	QRMKVPTGQEFFT	72.	WHHLAQTSSWMAS
23.	LIRAWYTGIRRNG	73.	DRLNPFTTFLLMK
24.	TSKITETHENVLD	74.	AFLYSGTNDWAQK
25.	SFYDEWTSTNHGP	75.	HGSHIYTAPFYYP
26.	HNFMKGTSMLQLV	76.	TWTMMRTPKMQMA
27.	YPFVKPTYLLIYE	77.	RENDHKTRRDEPE
28.	IPDLRGTHNMWMA	78.	KEWNYLTIYQGIS
29.	HQIHHTAIDKMK	79.	GQRYKMTLGYIIG
30.	KPSMIATNGHDAK	80.	HGVRVTTSVQVLY
31.	EVSUYKTIMDDAV	81.	QRNFYSTALHFMI
32.	DYFKIVTFRMNQQ	82.	KVDTPYTHMKAFQ
33.	TGFTDATIQFVMV	83.	EDVIMDTWKQSAI
34.	YFASNLTVGKED	84.	PDHYFKTVWANMD
35.	ESFQMGTIRWSEN	85.	RINWVWTRKVYSH
36.	ENMMRATANTGSE	86.	KIAWASTGAGRYR
37.	EEWTAQTAKRLDH	87.	WGWHQSTQWQVLH
38.	QNQPFFTIEKWNP	88.	AWMQGFTENRFLE
39.	QPENHHTVLPPQS	89.	IMRDFETAINFLE
40.	IDFGMKTNIEKMF	90.	KTLEVDTHVFNHW
41.	PFSWERTESITDE	91.	SFPSTSTWNHFSG
42.	DYMMTETRWYELE	92.	WFTYRATNYIYKE
43.	QRVFSATDMGWHF	93.	WNRNAWTHDRPGR
44.	ILNRQYTLRDESD	94.	FNFFILTLMFRQG
45.	NTNAVGTVWSKKG	95.	APFKDFTEIKWNE
46.	VLVPRMTIHLWNT	96.	NYKYHVTQLTANK
47.	QDRWNLTIEPLYHM	97.	LVKIQVTDPMTFD
48.	RGNETGTKADEIG	98.	WHPLYRTWEDRYA
49.	FNGQAITFHQGGF	99.	KGVHYNTNGILHT
50.	FKNVAFTFDGGHP	100.	HQLHYSTRVGTMS

101. AELSTQTFGFIIF
102. LHIKYPTNATLPL
103. IRKNAPTIDVMFE
104. RMILMPTTKFGWQ
105. ISPFIDTHGLHLM
106. DKMMIRTEQSLSR
107. TTFMPKTYEFFGK
108. TLMQYLTFMPGTY
109. KYMRWFTFMIVVE
110. ERYKEVTVHFEHT
111. GRHAADTELRLHT
112. FSKHEATVVFLKV
113. GKMFGWTFWLV
114. QHDFNATAYTDEY
115. FQQGPMTLRIGFE
116. KYTNLLTYKKIPP
117. YQHEWITWPMLDK
118. EHPLTKTRFGGHN
119. RLWDSFTHGREAQ
120. RHWVMSTKRDKNG
121. PEVYYETQTESML
122. FNHDFMTILVDDE
123. FNKQYDTPHPVER
124. LVDAVITTRSHME
125. DNQNYGTPQNQK
126. HETQPKTRKENAD
127. DHQKFSTDSVYRS
128. EFAQNFTRAIQII
129. RYLAFETMYFVID
130. INANAMTADTWLV
131. HPTGPITPLPTGY
132. HPWVVDTFVFDQE
133. NYHRDMTQMNSKA
134. SFLSYGTAKIDDE
135. SIRALHTKSGATR
136. GFHDQATLIHNNHQ
137. YNYWQNTPGHNIR
138. TSVAGNTFWWKEI
139. QRMQAPTWAETYQ
140. AQLSAHTRRVGVQ
141. RKYRRRTWLEKIM
142. ENADFATRHFLKI
143. TVNTNYTILSKVT
144. EWWQYLTMGWPYD
145. AEWDFITGPEDPG
146. AYMFLITRMHEHH
147. HVNNVQTARVHHD
148. HRVRSKTDVMGQW
149. PQRAKMNTLPMT
150. DSKNFHTGWHNMP
151. PIRHHETYSDGTA
152. VMPFPGTEYAFVM

153. WRDSWSTVTFTEK
154. RFEEMNTNNYQIN
155. AEVWFYTPQPDTS
156. APKPLVTRFMKYW
157. HLEYVQTYDRDDV
158. SVFLNMTFPIKEK
159. DGLGYFTGGGWRG
160. KMPRYQTTFFVQEG
161. DVAWVDTPPEYKVL
162. INGMHQTIPEMSR
163. IIMMRGKWWGHI
164. GVRPGTTEIENVW
165. ANWHTFTMMLHMV
166. FILKLGTSNRLIY
167. WQVPSATSAMGYF
168. DWFFSTTTWIAWH
169. LKDHPWTVDVTFLL
170. KMRNLMTLDHKHR
171. EDNHEQTQRFLAV
172. DFFYGYTNMPNVV
173. HNFKWDTVQMLSL
174. PMLKLRTLHMVIP
175. HPREIRTSRPYWE
176. TSSYVGTWKLTV
177. IRMISRTNPMIPK
178. VRGHEKTTSQYQM
179. PHGKAFTYYKRQN
180. LIDQQGTTTARGW
181. ELSFDWTFQKRI
182. WTLFSKTSHMGEV
183. RWIVGVWYQWTS
184. MEFEDPTLLMFHV
185. FGNRQYTMQLNYD
186. ATIQEETAFTMMF
187. AWHQLPTMVPEIM
188. WVFYRITNYDEPN
189. QIPYDSTGSPALL
190. AGNIAQTNIEQGT
191. QKPMNDTRNGSSF
192. NFHPNQTFITKKK
193. PDFRFQTLMPGG
194. YEVLGNTWLHTGG
195. NYRSATSWDLNG
196. TKTDIWTPIKMMH
197. NIWEETFWTLLTK
198. MGNWRATPISMPN
199. PVPKTHTKHSMRT
200. RLFIWRTNRMMN
201. LYTHMYTSPRRVG
202. HAHHPVTKITEQD
203. IETLAGTVNEPQW
204. MRFHQSTAVKHRD

205. FEAHASTDEKVRP
206. ALASTGTADQSHQ
207. ATMPGPTNEKTTV
208. KKWSMPTGYHREF
209. AKHYGYTYTLAHN
210. GADGWSTVDEETL
211. ASYPQSTTHTRAE
212. VFPANGTRHQPAD
213. KITILKTLMSHFI
214. HHNFRFTAMAWIG
215. IVWAPGTSEHWMI
216. LKLPFITPVQENW
217. TFAWFPTNSDRFL
218. HSEAELTIRKPEI
219. FQNRYYTTPYPLE
220. NFGYETTFRTPRR
221. QQEGEPTYIKWGG
222. DTKLTKTELSRD
223. HLLFAPTFNFWKS
224. FEYRDSTYHGYGT
225. NDRHISTKQQGTW
226. PMFQAGTSQWLWE
227. KSERSKTVHPGVF
228. YPTAAITSPEVLF
229. HATWNTTDHDPAM
230. ALWQMLTDYTKVG
231. TSKRVLTVMGKDM
232. WLARMRTPHTPKR
233. PWDNYITEPVQGY
234. FTVFKLITSGSDHA
235. PRQVWRTGDQYQY
236. TAMYKGTFPPLWH
237. FPPSAATWRVGE
238. HVIWDATSMMEYM
239. QYTQTETFGNNQD
240. KPHKWTTKMYSKN
241. HTRHQPTIEWYNKD
242. IQTYWETGTPTYE
243. YVPHHSTLPLTPP
244. EPDDNKTEEIER
245. HHAFQLTTIKGVY
246. VRRSPETNATYAR
247. LFVISVTIWPHEI
248. ARSELQGTSMPTT
249. NNEVDPTKDNSPW
250. NSQMKQTTTEIVV
251. IWKYRFTNRMSVF
252. YPLRQHTAEQGFN
253. ARQEELTARTIGI
254. RIKRMITDDDFMYR
255. RSFDPVTLVHAVT
256. RGPLHLNTWKWPSF

257. FSPQISTPPNSEF
258. ITENNITAGDLNE
259. VGYETLTLTIETQ
260. WSYRHNTHATMVF
261. RENFRDTYNSLTY
262. VQLDQWTPMIHVY
263. IRNDPETPNHFIG
264. GWQYNSTVFWHSR
265. GDDWGNTDERIHW
266. ISLVEITSRRNDF
267. EMQWKITGNEASD
268. RGNTSQTDAGHVS
269. GMPVGNNTASSE
270. TSDMEETHEFWAQ
271. LQHPFFTNEVISE
272. VQWKGRFTGPMMS
273. QTNPGGTRTKAVV
274. LHRMGMTYQPMAT
275. HDEANVTFSERVF
276. APSYYWTAAGLGR
277. PQSNGNTEINKQM
278. SKAVLNTEEVIAW
279. ETMLIHTMQMEYQ
280. WHPENITRPOEHR
281. ERIMPETTPDPNE
282. TNNNQPTDGMASF
283. VFTHVETWYGMIIH
284. GWNESRTTIIDAH
285. TMGNVDTMRSKDT
286. FRWALDTQLVLEK
287. RQLDNETSDIKEE
288. REKQMRNTNSVDHE
289. IQNTHLTNRVPKY
290. WNRRMPTHMQQNM
291. NIGGSLTLTHEGK
292. VHKRIATSGMDDE
293. DGVWMTGKKEFK
294. FPKTGLTYATSSR
295. TMEQPPTAHNHLY
296. FPHDEFTKDGAWN
297. QRPPHITQLQFPR
298. KDAFRWTQIKKDR
299. NRADMATKVNESM
300. KEPWKYTYTVVYP
301. NMHTDGTGEGYKSD
302. IWMKFNTFKGSDN
303. NWTAPSTYLDTGG
304. YGEKVETNMPWGD
305. HSVRQHTQDWQPL
306. WSIWYGTTSNMPN
307. RWELYVTSYLHQL
308. TPYWAQTEAGRYS

309. NQELSGTHFVRSQ
310. HKRASGTYSIDSP
311. GYLEKSTLYRNHI
312. NTAMMETIWKSWF
313. GSAAIQTRYSLLP
314. TQEWETTKGRIAI
315. GRGEALTLMNFS
316. KFNWQLTSVSQTT
317. IFHFGVTGKLFKR
318. MWAFAGTKFVLLL
319. TMMQGTTLVTVYQ
320. IAKDYITIMWDMQ
321. FKRRIRTTNYMYQ
322. ARKKQGTMKPMNG
323. ERMWRVTNPFPHH
324. AVEKGATPFFVFE
325. YPVKKITHGQGPR
326. VRLTFPTRMFDMW
327. ETWWGATSYLKSH
328. KLSFWLTMHKYIG
329. SYHPRPTIRTKQI
330. KTQKFNTHKWKMN
331. FQQSPGTSNATGP
332. LYPFRRTHENMLI
333. FPFNKFTSQDGEW
334. EWIDEHTQRSADR
335. LNDSQSTKFWYDL
336. TLVGPATRSMNWP
337. PGSLEWTEWTIFK
338. FYPTAVTAGHWLI
339. FISWNKTGAQDAY
340. YNLGESTRMHHMD
341. ITAKYKTTVMPPFR
342. YGNDHRTTSMYND
343. QHWYNMTGRDPPN
344. IYKDFTTISPYHR
345. NSPQAMTINYENL
346. TAHRAPTQAKFK
347. RTYFAWTYAVRSG
348. VQGGNVTQINKWY
349. EINLKYTEMPVHF
350. DFLFNVTHKRSET
351. MMKESLTLKKLYR
352. KVIDKNTHQDRGA
353. GWQFRITSKAHAT
354. YMRGYYTGPNLTV
355. EKLESHTPVKSRH
356. YQLLYNTIFLYAH
357. HDVQAVTHVWEAN
358. STLTWDTGMPHQA
359. MRHNGVTVQFTPL
360. SEVETPTIHRWIL

361. MYSWDMTMYFSVE
362. QYFKNGTAMRNDM
363. EVNINITWWAELK
364. NFYQLWTATDVKF
365. TDYWQVTPHEFLD
366. QDEMSATIGGPER
367. KDFPFRTHPGIRQ
368. NQFKGHTLEWDTR
369. WQMVHATKFSQDI
370. FDLPLDLTWVQSFD
371. DETTIWTSYAEFW
372. WGQIFDTKNAQAS
373. SFATVPTFLDNRK
374. VRDWKWTPNGDGL
375. HWSMQITVTIAIQ
376. FVFVVDTRPAAME
377. DGYFMRTTAMSDG
378. EPPFWHTKWSVQQ
379. RRTNYMTYKVPSI
380. MNWHNGTWRRDFW
381. AYWANLWTGWLPI
382. YNGGQATEISKTA
383. AYDQPNTGGGADM
384. GWTGGRTVTVRMD