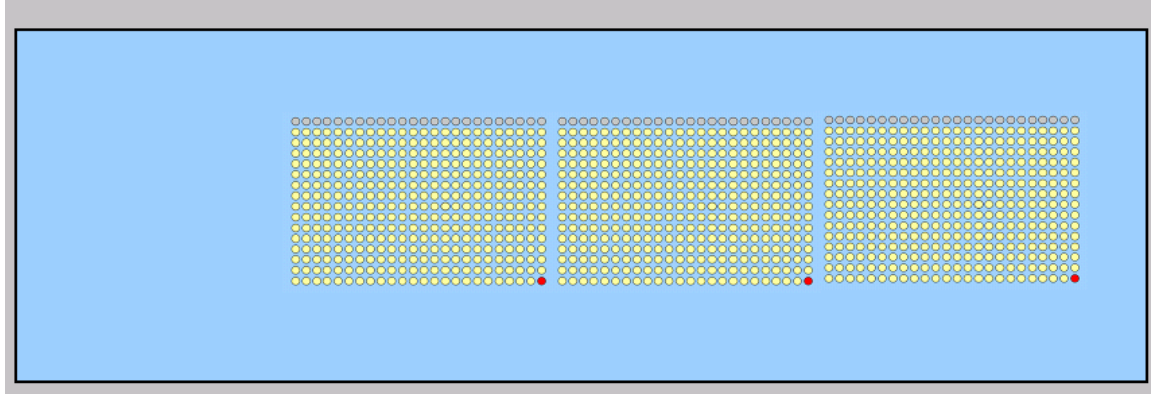


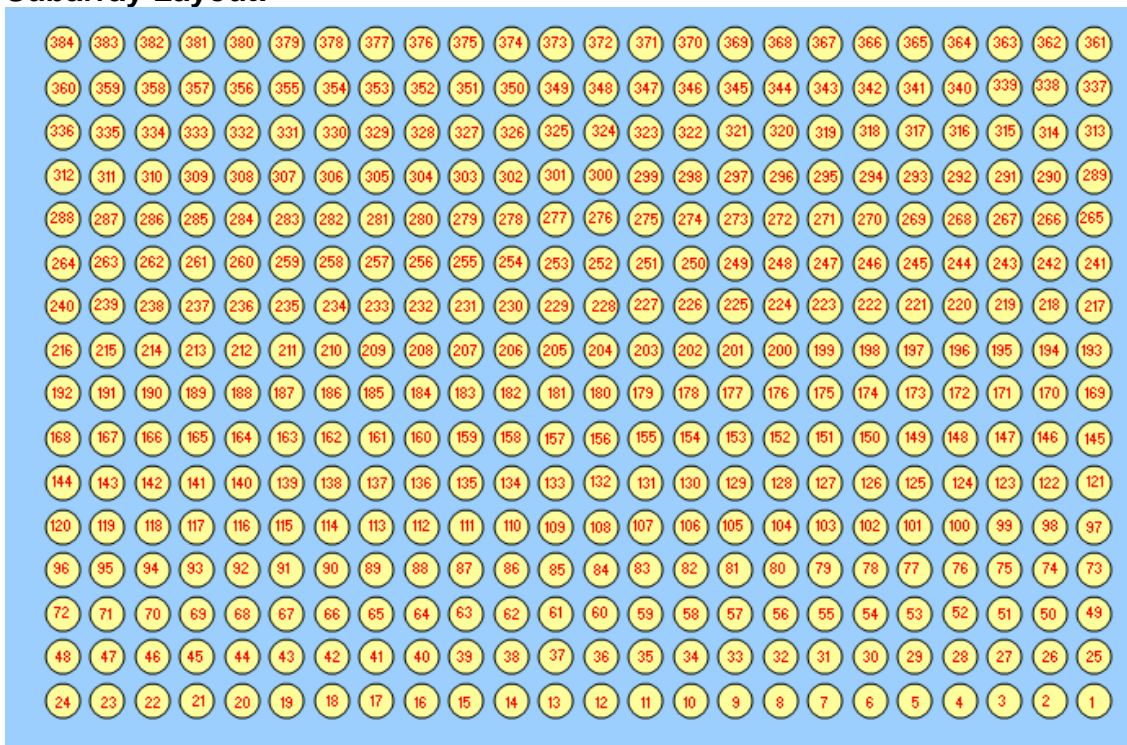
Random Library Tyrosine-K

Microarray Layout:

For quality control three identical subarrays are printed to each microarray (RLY-K_A, RLY-K_B, RLY-K_C, RLY-K_D).



Subarray Layout:



Sequence Information RLY-K_A

1.	VFSVLAYNSMKDA	51.	WMRIFVYEGHTQL
2.	TGQAWHYSTQTDH	52.	TYLHYLYQVNAQR
3.	LHGIVEYGGRRPI	53.	TIHGNIYNLHKHR
4.	YMLMIIYGNLNAM	54.	EWRDKAYHMWDDP
5.	MWMNALYTRPMAY	55.	KMMMGGYLVFYLV
6.	AGPMMYYNMSIWR	56.	WFDDKAYFYWIYY
7.	DMTNMHYLDWEWK	57.	LMLPEQYPVAQVL
8.	WLMRFGYDYIDWH	58.	GTDNLPYNRLTFQ
9.	ILSYKGYEKFYKV	59.	TGAMVHYYDDQDK
10.	KWTNAPYTSSSTK	60.	IDQIDHYMDSYK
11.	WARNSVYYAWQHK	61.	AGGVGVYVMVDM
12.	RTWKMTYAQKRAE	62.	IIDTWSYRHQRAY
13.	KSDFRDYPVHPTG	63.	MEAFTPYEMMIRK
14.	ETGMPHYMFNHHW	64.	DSNMWWYEMSLGG
15.	GETLGHYMTFRIG	65.	VWRTAMYMDKMP
16.	AAFHWDYYAKKYY	66.	MLRKNGYFQWSYN
17.	LRRVRSYHAGTSP	67.	ELDLRIYLDAQAI
18.	VIQTTIYFSLGYA	68.	PKWAAGYYAMWVM
19.	HHNPMRYPMNAIP	69.	DHGKSRDYDKELEF
20.	KKRHRHYQYQNLK	70.	VYGQRWYPHIQSP
21.	TVQWILYDIYNQS	71.	DGLWNDYSWAYFH
22.	HAQFFYYGEMTKI	72.	VRIAEVYNWELPD
23.	EDTVHKYRPIEIL	73.	FPTYMKYEQETGQ
24.	RKRTPPYGNMHH	74.	DYEQWAYLTHKLR
25.	DQFFHRYGAWGVS	75.	IAHLYYYMNGMIH
26.	GDLSLHYPQRPKF	76.	MNKPIAYNEPTTD
27.	WYDSYAYLYLAIF	77.	LEPGGRYKNLAIQ
28.	AAFRIYGINFGP	78.	IWSWFYYQEKWMR
29.	FMASHMYQLGRNH	79.	KTVSKWYEMWDMY
30.	INHYYMFMHNT	80.	YGPISYAFYYMY
31.	KKASNLYHEGKIV	81.	DERYHHYNTFGDS
32.	MLLETEYDGFPNH	82.	GTINGEYSKRGQV
33.	HYRWSAYVPGNA	83.	PPSPVYIGLSFM
34.	STVELYRLHFS	84.	GAQWINYHNMHAV
35.	NDEIQAYQGHR	85.	RNQHFYKYGIRANQ
36.	FLWKGTYVLIIVQ	86.	IVDRRLYMEAHVV
37.	GFSSHYGPLGAN	87.	IWWFFLYNKQYMY
38.	PPTNHEYAKTMSS	88.	YQAADTYWLKHNR
39.	WGWLWHYKWWAHF	89.	YTFEKYYVVDIYV
40.	MPQSSPYKHETLD	90.	YVKQGSYMKKDMY
41.	RMPDNLYHLRLLQ	91.	KQFTIEYEPYAPGI
42.	WSEEAIYIMKGWE	92.	DMFDMGYWLAS
43.	IWSSVHYGIGGLD	93.	PVVVSIYVIVESW
44.	FDWTDLYHAYVPK	94.	LETMSAYMFFQKG
45.	DKLGNPYPYNLWM	95.	PIDGEFYPTINRA
46.	DRNEVKYWGMSDK	96.	QDYEYPYINPWF
47.	HYKQPPYVPWIME	97.	EPGAWQYFQLWP
48.	RNLDSPPYGYIMW	98.	FGIPTYYTYPNWP
49.	HQPYATYQGSPTF	99.	ESSQNYYPSPGNQ
50.	SYRYHMYVAPMLF	100.	HHVFTSYHHKVTE

101. DGESHEYEFYTM
102. PDDIRHYADIQDK
103. IVQFYIYRQRQTG
104. FTTKIDYNPWEPV
105. ALGMARYYMNTSS
106. RVGDDSYDHGQGA
107. GMGFMSYLQLDRQ
108. ATMRPLYFLHHNK
109. LFMAHIYKTKMKD
110. KDRMTKYLTEYVF
111. WLDNHSYQAAWPA
112. NKYDASYIYFMMD
113. IYRYVIYQYIPKA
114. LLKGMFYIYAPPQ
115. SMDRIDYDINLAH
116. TNALQVYTSTQND
117. WHPFNAYLPKMHS
118. VAILEIYQKKPLD
119. FLEGVNYPFSFRG
120. ESVLLVYANIDDS
121. PSQNVVYHQHMEG
122. GWFFIFYTIFETQ
123. NKYMKMYDTNQHV
124. GTKEYYYMQHSRW
125. EQYRAFYTSTHDE
126. TMPNMRYSGNTKP
127. NYKVNHYPNIPVT
128. SIPWKGYMIDTSA
129. RGNVWAYMDRNGM
130. YIEGHKYGMVTSY
131. ESFWSAYGDMIMQ
132. FLHKHHYLLYAMN
133. YYADMHYMHRSLP
134. TPYNERYSHSDAG
135. AADEYMYLQYQKD
136. PDIKSPYHLKALK
137. ENVYADYWTMRI
138. YLHASKPYPDTKKE
139. YRAMTVYYSIRED
140. HKYTQKYGFTMFK
141. EIYRVTYFKVLNE
142. HVHGPTYPSYGFP
143. IMAAEQYGYDMAG
144. HLYTMFYAFDNYI
145. LTNLDQYTGKMWG
146. DFKLTGYHTALGE
147. SYENLYTIWMDI
148. TINKSFYHVREEY
149. NKVHKKYHQWGHM
150. NMDSEAYWGISRG
151. NPWKSKEYNLRLAL
152. PRQRDFYPIGPHG

153. TSYDMPYSGLDPA
154. IAHGDPYTKFTNS
155. REWDPGYSVEELD
156. AIRFANYGMNIGN
157. KQEFFVYPGMFYR
158. YAPRALYRIHRAS
159. HQSGEGYIEFWID
160. MEQQFVYQWNMPH
161. PPPNEYEFTRPM
162. IHVAFSYVGTGDH
163. SAGDFAYNPIAST
164. AKEAKYYIHIGKA
165. DGSTRHYEKSMSL
166. ELSMSGYYKHAQS
167. QHAAIDYVFGHYK
168. HHPHHFYRQILQL
169. LPSYTGYYHPSNN
170. MPGIFHYHNIEGA
171. SEDPKEYRQAKQE
172. MYNPNHYDHTPLP
173. SLPVPIYDPESIM
174. MDHSLDYNIVPHS
175. SRQLEKYRIFYWK
176. SWPSALYPKSFTY
177. HYIYQIYFAFWMS
178. KFAHERYAPHDIQ
179. HIYPKAYLTPGGL
180. WRTWPWYSWMIIV
181. HWTTPGYRKFSSG
182. HQVITYYLPHILM
183. RPPVVVYLNLPHE
184. TWWPATYSQLIIH
185. SIRLLPYLWEGID
186. FKMRKEYMQRKLI
187. FGPFVYVYTTIRQ
188. YAQFGYYWHGADQ
189. TAEQEMYTVSHHG
190. PIKLMFYWGNMWE
191. IGDAGHYARQKDQ
192. KAQHDWYGSTQWP
193. FNIHKAYHDDWVF
194. YVMITSYEQVPPV
195. WPVADKYSMNIKK
196. SNGETAYTGLFFH
197. HGAVMNYVVRNHI
198. YMGYSPYPMQYTQ
199. WYFTQYYFSKVFR
200. RSSVPRYL RHDFE
201. LVTLRWYSAGVYF
202. MQYWNVYNHMITA
203. GEMFKDYLRGGPY
204. GKQENSYHSDIKH

205. KYDRLFYRRTVHN
206. HPGDGGYQVDMKN
207. QEWIKDYHKGAMP
208. KAIPSYIRRRTR
209. QILIAAYKPEKFH
210. QTTKPIYTWPIMY
211. NYNNLYPKLFFH
212. HLKGYHYFWYWR
213. SAFEMPYAHYHFH
214. VSETMYKWHAFQ
215. TAIDVRYVEMNSW
216. IPQEPAYSLDAAA
217. ASVYLGWWSGLRW
218. QWYWDKYFWWWHT
219. MKWGRNYKYRWDW
220. KAKQGFYFRRDAH
221. ELEIAAYIHVLQD
222. WRRFEFYMAIGFH
223. SDADERYYQWFFE
224. DIVWEKYVEYGPQ
225. YTFEGKYIGETDK
226. ETSFMHYGPIKND
227. SMFFFMYELQNTM
228. MSFFAIYFHGGKL
229. FTWQIFYEYVQHVH
230. SNIYHRYNWSRQY
231. KFEGLEYGRIYWK
232. GPVWIHYADPKVI
233. METKHFYRVGTSG
234. WNQFLRYHRLIEW
235. VYGRMRYFRKLLKQ
236. SMGWKLYTHKMMG
237. VGAESKYRLNRWT
238. GIHHFVYWIVNLV
239. PFPQDMYLATYLT
240. DQPEGRYSHLLGP
241. KKSNTIYQMRHAF
242. LHVHAYRVLETW
243. VIPEIVYKHQYNP
244. ANRAWNYVQYATK
245. QRYHNPYPKIEAN
246. TKPDNVYKLEHMG
247. FWMHQLYRFPVP
248. LYNFYLYILPHEY
249. EFDGIQYPHDNLE
250. GIYVYIYMLTSFE
251. YAYQAGYFLDKWF
252. VVTRVLYMDQMLR
253. NKMVFEYGRNWKA
254. IRYFGQYLNLEWV
255. YKKGVOYSDINWL
256. SAFKPDYIDMVKT

257. KVYQYIYDGNKWK
258. PAFPEGYFPMEPS
259. ENVIVAYNQDQWN
260. ISGNMYPQDMTK
261. HGKADLYTEFTVI
262. GIQHMYNGPLDD
263. VDLVDHYVISNMD
264. AHASSKYHEVLYS
265. VKWQAYYLDVSMQ
266. GYHYGLYDQQLHW
267. FGLDYNRATWDM
268. PHLTAQYWKAGVE
269. MQPTLKYIVDYDA
270. WVIYRHYQEKFLH
271. LPVAVYYQVPEYW
272. AVDGTYYEDHYTY
273. RTDMHQYPHKFGT
274. EPMVLNYPWNRNQ
275. GTKYHTYPMTMPT
276. VEAGWIYMGFMQL
277. YKHIQFYMNDNGL
278. KRTYEDYRFFPIG
279. WMPVAHYSENTMG
280. TYQQDGYENFNLR
281. FWEWVGYYAPDVV
282. PIKEATYDMKHFK
283. GYMTKGYEWDKWN
284. NHQQQAYHFTWQH
285. FKGQKEYQHMFWA
286. YSDQSWYGDDPKI
287. AKLATEYHKTFDE
288. VGPLFAYMENINW
289. SRDLEKYVLSRMI
290. EMMDENYWGRRMF
291. QFTKTPYVQOHMN
292. HETLVHYGLMNNE
293. VHTAYGYGWPRQV
294. AFIDYHYVNIRPD
295. EQQAYNYWTGRND
296. HTYIWLYGGVAEA
297. SDIAAPYPKERNK
298. WFRDGKYVTDMSI
299. LIWGNRYNIRPIW
300. QAQLVEYWLHKVD
301. GWKISVYIIDVR
302. YFEILGYNNNPEY
303. TRPALLYHWSIID
304. MIAKEQYQSRHSR
305. SQFYTQYKKMGAN
306. QWEAQDYVPKEIA
307. KFHTIYYEQTWYH
308. KRMFNWWYWPWAYI

309. NGAIVRYWSFAFQ
310. MNDKIMYFVYRQT
311. PKPNTSYRGRQWA
312. GMAINKEYHHWIQW
313. HKTAKVYHGIDSR
314. VAAVTYYRWLTIP
315. GYDNRKYIEDTRN
316. MPQPQSYGWSGMK
317. KKIDSMYYFLRDL
318. HHTQMYDVPDSE
319. YMEDHTYIINMWT
320. TPADTIYPREDPK
321. YWETHAYDRDYIY
322. GLNPLGYIGDFDR
323. FVKMWQYKRFPGV
324. YPKNVMPWKSYPW
325. APPIHRYHPRDAG
326. RILGGDYNISLQS
327. DDGEWAYNWVLLF
328. YPARMIYFGRDIH
329. GRFPHTYSRDHVI
330. STRVMYYSIEVYH
331. GHNVDYFYLVTKHN
332. THPGFDYWFATNR
333. ARTFSRYMVKEMA
334. TINIKVYLNEMGW
335. LMVTPEYMAQRYK
336. HADHAFYQQHERL
337. AHFQKTYTPTVHY
338. NEKRHEYIWKEII
339. LAPPVHYNGDQHA
340. RWFYKYYRQYEPF
341. SIIMFSYARMQLK
342. IGLAAEYWTEEQE
343. RDVAELYRRVFFH
344. VWKRTSYHDKTFS
345. YNHQRNYASKDEK
346. SMTLSWYAFFTQQ

347. NGGRIFYYDFHID
348. HQSMQKYEDWQQM
349. WLEWSTYHPFMVI
350. NANMNRNRYRNHWNQ
351. TVNYDRYESSEYE
352. IAQGTPYDERHDQ
353. VSYTNEYMSLMKM
354. EDRLSLYASPTVI
355. SRHVFEYNWVQWR
356. WYNYETYRDVWKA
357. YQYIYSYPRIHIE
358. WFATFGYRQIPRI
359. TKMRHGYNEYYYG
360. HGAMWVYHYKNNK
361. SSGSHHEYVNHMPV
362. LQATMQYQRSFYI
363. FEYYMEYIPNPGS
364. GGTKSYKYFYWT
365. DKQSPQYEWYKAQ
366. GLLFSYYPVWQMW
367. PIEFLPYQSAPAI
368. DQFSHFYLDEATE
369. GHKLAVYRAAAGA
370. VWPQEHYEGYAEM
371. NFQGKPYMISPYF
372. AMFNNHYTAQEL
373. LVGRTWYPFLING
374. QPPRLVYWSYNRE
375. TTFTVMYFSIFRI
376. INDMIPYNHWSAP
377. WNMANNQYGDWGNR
378. KAFHEDYLDDEEF
379. NRAGEYYLKIAAK
380. RMKAAYYLFTYSF
381. NKEGMRYLNLPSI
382. IYAGPFYIKDFKE
383. RPNWDTYGLRIEA
384. YLMEDWYNKHMKQ

Sequence Information RLY-K_B

1.	QSTLIAYWNFKSL	51.	VSRAEKYSDWKFL
2.	VNPYNHYDSNFIQ	52.	NRSMPHYYMDEPY
3.	MRLALGYIGLLFK	53.	VWATKWYDGFNKM
4.	ILIWGNHYHTPATQ	54.	DEAWSKYGALATV
5.	GNVGHGYYYMQKA	55.	YLWIAFYYSRQHQ
6.	YRGKWKYWPITMF	56.	KIWRAYYDGKIWI
7.	WQKMNQYETIRTK	57.	EHYLRWAYMFKFHN
8.	NVSMAWYPFLHPT	58.	WDYKPRYIAKENR
9.	KNIQNTYEMIRTQ	59.	SELNDGYPSNKSNS
10.	RMSYRLYPLQPSQ	60.	SGTGIPYMFAQMT
11.	EHAPLNYQHMRSD	61.	TPSVPEYSYVTGN
12.	WDSMLMYNFHLA	62.	TTEDYPYTSRSQQ
13.	QQKVEEYSDWIMM	63.	PTKIKWYPNAEVM
14.	AFPPEIYEGEIMA	64.	TAVIEHYRDIMSM
15.	TNEYIGYYHNWGF	65.	QQNKWKYLYDGGT
16.	SKYYMWYDFWSTT	66.	QPDEWGYDHRELD
17.	WIVNESYRFFFDE	67.	NLAIYPYPPWMVT
18.	YAWDVGYITSRRS	68.	KQWSQQYPAMWTK
19.	GAHFQAYAKWAQF	69.	KRLDIRYIKIGQS
20.	DRRDWRYMQQSMV	70.	QIPLPLYVYMNDP
21.	LQIPWMYEFADKD	71.	FKTQWNYWTAGIE
22.	HMERADYVRGWTT	72.	PMINEAYNAHTNV
23.	KFKESPYSIDLT	73.	TKYKPPYTLIMHM
24.	GWKRHYPIFWIL	74.	KAIDAKYMGKLYH
25.	GHRSNVYIDVYVY	75.	WDGSWTYGFIMDL
26.	GMIPPHYVDFYL	76.	KKVKYFYWTGQIV
27.	TLNYSTYFKSAFD	77.	QFDRIPIYSRHQRW
28.	MGEPHSYLGFHQN	78.	TTKEPNYFIGLDK
29.	KAFWNTYINDNQS	79.	IEINQPYKIKYYY
30.	AEWEGGYTHESPW	80.	ITKSGRYNRMQTN
31.	EQKANNYNHDWSN	81.	HAVMTWYYRIDYF
32.	HMSESWYDTLHIG	82.	LMLKPGYQGFIKP
33.	WSWISSYKDSAHL	83.	LTSFVKYNTIFQY
34.	IITIEKYMQEITG	84.	NQHLMTYYAIRKD
35.	HKAPWKYTWKLN	85.	FMMEEQYGFFDIH
36.	MPFQSNYVQNILT	86.	MVWVGDIYITEPAQ
37.	THWVKHYWHDSK	87.	RITLYPYFVGTNA
38.	APFRDMYRDDYFE	88.	EAHSGDYTKFSPE
39.	QEHRSTYKRPYTF	89.	QYGPASYRETHMG
40.	QADHTSYHIMWVQ	90.	SIMLHNYFWGHSE
41.	GHSKWKYAMYRLT	91.	ELQDRGYAEQGM
42.	AHTTATYGWTYRH	92.	FVDEVRYRWDEAE
43.	FMSTQWYVTARML	93.	PFKVAFYMFDNRI
44.	QALQPMYAFATF	94.	AIGIHHDYDFGE
45.	ADSWQQYTHWQHG	95.	RLVQMNYAYMTDK
46.	LPHQLNYKILVEL	96.	LFNERRYGNQVSV
47.	WETAMIYSNWYTS	97.	IGWSVGYYFPMNQ
48.	YSTRLQYIPKQLH	98.	WVIRNVYVIWPAD
49.	NHGSHVYTQHMOV	99.	EFKNRAYFAWVLS
50.	WTRTIYYTYWWSA	100.	HGKIRMYHGMNLV

101. EVPEMPYFTGSPM
102. NNELDFYREKAMD
103. PAPDQFYAWTSVA
104. FKYQGEYHQEYEL
105. FWRLPSYHGTA PM
106. ADAFYLYMPFMPL
107. VLPYPSYRVKAWI
108. FKGAFTYHFAVWE
109. VIRGKMYWFVHPI
110. MWRAPWYRHGRMY
111. GMDGMPYKLNFR
112. LMKKFEYSKVL LN
113. APEHRMYRDFGLN
114. LAKKAYYPWAPQD
115. HWLDFVYQYGEDA
116. EDHAKNYLMRNLP
117. FHKQNAVGMIDIL
118. EENYSYIMPLAWA
119. NKAANFYATGDYS
120. QMYQWWYQWLYVH
121. DPGLKPYNQHYSI
122. PKASILYWWEYGR
123. SSFQEMYVTGQML
124. AKLMDNYIPYLYV
125. RRRYDGYGRQKYK
126. NGGKLMYAYDWTK
127. MYGLNPHYGYRKP
128. SMEQSRYATDRIM
129. IGHMSKYAWWHTD
130. NMWPSNYKVFSV
131. TAYGGVYNMYYWK
132. DRIHYMYVWLWQH
133. VSPAPAYRTTINT
134. NETKYIYDRQMTD
135. KRHHHEYISIDQR
136. FLGHLLYFSPAMF
137. LLHTKGYKSPENH
138. RRKIEIYEYVPIE
139. KNIWSLYSEWGLA
140. TKHRRPYMKKYNL
141. VYATMKYNMTYFN
142. MNILWPYNLFMIP
143. RKLMDLYDIWMNH
144. FDLKLYYSATKKK
145. VAWGPFYHHSMA
146. WPPIHTYDKDNAI
147. QEVFLYHQRYYWA
148. EKSNMRYASVMKN
149. SNTVPVYIHYSYS
150. GDTDDNYEPTAM
151. IMRSGQYWSWTAF
152. YLNDNDYTVLAEW

153. VWPEADYSLPMED
154. HWLDERYIVGHIQ
155. GDFMTNYARPPQP
156. SNMWVHYYKYELH
157. INERKNYIEPIGH
158. LWRESAYSGHPME
159. NKRRPYDPQFSE
160. EQIQDLYGYMYNE
161. AEVGMQYNMIDEQ
162. EWNNHAYNNVRET
163. IVSANRYRVPHGM
164. YMKYAQYLKYRPA
165. ENFLGLYYSFPPQ
166. TWARLLYDWTKHH
167. RWYNAWYQQQELG
168. PENQEAYMWTNYE
169. KLKIWWYFNMLSQ
170. MYVDWWYQIIAFD
171. NNSLATYRNHWHG
172. LHPQLKYHYYSWS
173. YFGNWPYMFMLWW
174. KRLTNSYQFKHYK
175. KHNQGIYIQSGPF
176. TQLINVYNAILAY
177. IRFIPVYFYHFEP
178. GEYRMPYEMDWF
179. LILTETYAVTSSG
180. VKEQAHYMTSIPD
181. DWRHWPYEDSWKT
182. KTFGESYDRGKF
183. RWVGEQYQTSLWT
184. WFYWVMYWLAKRS
185. HFKLRDYWQNEAL
186. QWPDEEYDVQPQI
187. VRRWILYYILNIK
188. FDMIWFYGLEVDL
189. HTRKNEYTMMQNG
190. ESTVQEYDGVRIY
191. VMHQVGYDHD TWE
192. GHKYMPYDHWQV
193. GNQRGSYRGFMQM
194. NFQQMQYKHTFKW
195. RHMLYPYIQIYTS
196. VRDIPMYIWIWIS
197. YEENPNYMMT WAF
198. FWFVAVYDMT MQF
199. NFIMPHYAVQLMA
200. QYDFDDYHMYSKP
201. MFDFVEYKREDEV
202. SHGAGHYDDMHRW
203. STQWIPYKVDPPW
204. IQHVPEYNVKIGA

205. NDRDKMYSITSSM
206. LNAANFYFPPEAQ
207. MYRSWSYRQIESW
208. NWHIHFYGPPIRV
209. GEFNLHYGGERWF
210. WYRQFQYTWDAER
211. QSGHFKYWQLERY
212. WIVHFLYEDPKFD
213. MNYNQAYPVNWDT
214. MVESEQYWIHWNW
215. SDTDYWEKFGIM
216. FRYMRKYRWLWSH
217. PDWKAIYVKIFDL
218. HMQTKVYSLMIFF
219. RDGKNTYQKAKTG
220. VSLENIYFNIQRF
221. QIYAKVYGHAWR
222. DSQMGOYLLMEKW
223. RSSMQYQMLNNA
224. MPMPEFYHQGMDY
225. VFHRTYYPQTTNF
226. QKKMGLYMRITAL
227. WNFAAAYQDLPPS
228. KVLGANYWKMRWI
229. QPEQGLYYVDLRF
230. QLFYHKYVWQDYE
231. YEMIQAYEDRDYN
232. PMDYWHYGADPTQ
233. KANKNGYMDTHPS
234. HITYYWYIHAFEE
235. KEPIQMYLLMQNV
236. GTKVEYYIHPIVL
237. GGTWMMYTMWRFT
238. NPTGWLYAGGGWV
239. GLGIPIYAWYMGA
240. QQFFMEYEWFP IW
241. DRLPGAYEDISFE
242. KDIYWSYWDGPPE
243. IMDHQYYANNDFI
244. TISFWYYEPYAVM
245. HLRMMIYQGPHNW
246. WDKWQEYWYWNGF
247. WWPVQIYSFKGGN
248. HAWPGQYKDGRVA
249. FLALENYYYHYHG
250. EERSYFYDVEQPT
251. HWVEMAYFPAEHA
252. KALFVEYSSIMWR
253. YLQVHSYTYLTYN
254. YTETKLYIRQQQG
255. PNDEELYLVIMAF
256. THIQKGYPNMSRN

257. IREWQRYGPSPAR
258. KSWPAPYPKDAFK
259. IQEYNEYFTKTLK
260. SEAGFKYWQNNAL
261. ASYTEVYQDGAHQ
262. LHAWEYKVLQTL
263. LPGQQNYTGNGYF
264. PETWKGKYSYPPS
265. WKHSSYKHTLPV
266. TPWANMYGMQLQT
267. QKWLSVYARTMAM
268. NPLDLPYTRAPMA
269. VNSSSMYQYFARD
270. VYQNIQYVWGEIY
271. PMSRNQYDAKQHL
272. GGRYPSYTQTRFP
273. RAKMSFYWQFNML
274. MDSHEQYSHPTET
275. ISMQHNYEKQRAD
276. DPWLSIYIMFHNQ
277. NFHHHVYEMHESM
278. LNLGGIYRIVGYE
279. ELNGIHYYQLGRR
280. FRQPPRYWVRFYR
281. VKGFTSYEGAVEK
282. GTNSVHYVNGIFQ
283. LIDKKT YAARGHR
284. GVRLEMYTMTDEN
285. WPTVHGYKQSYEH
286. HHTDIYYLVPHFQ
287. VLHRKTYSERWSG
288. WKSNNYSYSAVQSV
289. PEFWEQYPRFQWT
290. FYDKYPYLLARIM
291. FVANPEYLYLINT
292. LKDFHIYWLPMQL
293. DRMWVAYIWDGNY
294. PNMAIWDYDNHYP
295. HKMDPKYMKVPSQ
296. GMAREDYHRNGTW
297. TRMQGVYVVVMFF
298. RGGSKGYNHNAAF
299. TYVLWWYLEKLNI
300. ATQRPSYQIMNLR
301. GQEINGYGGRYML
302. FEHYDSYMLVHKW
303. AWFERPYPYVFGHT
304. ISTMYHYPTKRAF
305. IMMNPYRIHNHY
306. GQDKQDYFWKSNP
307. ESHISYRSTSMY
308. WLTAEVYGEQWLY

309. GGDESLYEVAKHK
310. PVEDPYYYKNYID
311. WTSTSRYPMPNSNE
312. FIGYHTYVVDWMW
313. LGQWMYYGAESGK
314. AWNEAVYHAQTHK
315. LESLTIYAEEFVW
316. NIINTLYTSIPMM
317. NFFMRHYMHWYLS
318. QFSHYWYRTKIPAT
319. HVYDYDYEYRRPQ
320. RHLYVIYAHGGGF
321. QFMPLTYVKNWY
322. VMFPRGYLVDAQN
323. GWWFPDYKTNYTV
324. GINESLYPSEMRRG
325. YVWGELYIRQKIM
326. TRARRAYVMLFEQ
327. DQVNRQYSVNRSF
328. QKGAMWYDPMLRN
329. HSHVVTYEHFEAM
330. SNSVQIYLMIGLK
331. LADERSYTRLNQS
332. KDWPYRYIIMVKD
333. RSLYSQYLKIVYG
334. QMSPIIYIMVIYK
335. NYVGWHYFSDTWW
336. VKAWPHYIPGNWV
337. HLVHQGYRHMWQ
338. EGSWWQYIPPDWK
339. PKFWHTYFGINYT
340. TKIVMIYARYPDA
341. IYNRLAYTLTDVV
342. RSMTYFYQNKIKM
343. GAHHEEYKNDSGE
344. DWPLGSYRQIWYI
345. VAVDMPYSYAEPV
346. KIGSMNYEGDTGV

347. EGHPPMYGAGADK
348. ELHALSYGRDEPW
349. SQLNPYYTAKEKL
350. YKMMRYWWTNWIG
351. WSHDWSYFILPAG
352. TQQGANYMGEWQM
353. DYRYAPYLWVRDK
354. DFLWEVYNVDDHF
355. AVTGKRYKKFFEL
356. PTAAEGYKEWGWG
357. ARTKSKYVEVSW
358. KLGNIQYRHVSQH
359. DRNTMKYMMGIQQ
360. GFHRVQYIGIPI
361. STIHLDPDGVEG
362. KWQGVNYIKHDVK
363. TMYEMYYPAPFQT
364. NFQKIHPMTDDP
365. FLRVGRYENHLEW
366. YPLFPQYRDDLNQ
367. SLNLDWYGYRYRD
368. QTFNFEYLNIFHP
369. ELYTQTYMYLDRD
370. LGLALAYWWLQVT
371. LGQPNGYTHYNWP
372. MQNSTFYHLNQIR
373. AWHHLRYWMKHMV
374. FRTKGQYAWQYAP
375. ITYHAMYHRISNA
376. VHFVSVYIIGDAR
377. WKIGNFYSGNHQD
378. TGAAVMYDFLYPV
379. QKKIRPYIVGPKK
380. DMEYELYMSNYAR
381. MGPFSWYHNELFL
382. TRAYERYQRAFNG
383. EYGQGSYMDQHDG
384. DLRRYFYKLEYFP

Sequence Information RLY-K_C

1.	AVYPIFYMEMNQE	51.	VDYMMAYGWIATG
2.	PFNPNDYDQLMHR	52.	KRHRWDYRDVTMI
3.	WGMVRLYIMKKQH	53.	QKNHGLYGQYKQN
4.	PYFYPEYERTWFM	54.	FLVYVYYMAANQQ
5.	GRWMTVYYPPTIK	55.	LSVFHYYYMTPPG
6.	GRPFQTYKLEHFA	56.	FAFFDWYWHIDHL
7.	EQFSWRMYVHEL	57.	KYSDMAYKLVSIA
8.	LNWFEPYHEPDYF	58.	DEFLDFYAITASG
9.	HREYAQYSYLTVK	59.	KWKSAMYTDYMRE
10.	GEEHNLYMIGDPI	60.	RHQTEAYVVVYYN
11.	RPHMQGYTMMWNE	61.	NDITITYDHVLTK
12.	NWQVKDYIDTNAM	62.	RTLFDNYEGFDWQ
13.	TGREEMYFVHFQH	63.	YPEPTNYEMLVIN
14.	ISLTQRYSMYSAS	64.	VWWRTIYRYGSSK
15.	EMLPAEYDRKMTF	65.	NKDGQLYESTHTL
16.	DKTPGYHEIEET	66.	DSDHDTYFHMPGA
17.	FTNWDKYAPHIAG	67.	QGWMTSYRHSGYF
18.	APYYLKYPYIGQYM	68.	KPVDIHVPTPFM
19.	FDFHWHYQSKFEP	69.	GRVYRHYPRAPFN
20.	EKQKKIYFFRIAA	70.	GATHQKYEQTYIS
21.	WHFYVLYGKEGFF	71.	NSSHMIYTNFMGR
22.	HPDMYNYIYYVQA	72.	EEVGMMYGIINSY
23.	MKPTGVYQWMEDM	73.	FIITPHYIGDMGH
24.	IPWFVQYKWNALP	74.	HHGGKDYMMPIER
25.	KAFVDRYPALHYG	75.	QHGMVMYDQFMNI
26.	FYPYIYYMPHRWT	76.	EQLKIYYPTKKWW
27.	DAIWPEYIMRLKH	77.	IGPSPMYNNSKF
28.	HKPEDGYPQWKFI	78.	HRQKAEYFKPHRN
29.	EWSTSTRYTGTFSK	79.	TKKRNSYQAHEAR
30.	YWVWMQYNNWLSR	80.	DRWLDTYQRYWTP
31.	PSKLADYSLHRNY	81.	HTTFLYYARNQWK
32.	GKMIVGYAWQLDV	82.	PNENHSYGIPPEH
33.	ISSNHMYQIGYSQ	83.	PDSFRNYTIQEIV
34.	MLDWFKYTPPSLP	84.	QWFHHVYNITSRI
35.	VYNEQTYQIGIH	85.	KPRSSYYWKIYAS
36.	MVYMEYYVDVMWV	86.	QESPDAYMVRQEL
37.	RELWDVYGLDKEH	87.	RSPSLRYVLIIVS
38.	VGARFFYGLWEND	88.	HMQMPRYKRMRQT
39.	FILISSYGLELNV	89.	DDSSWEYEEDQKA
40.	SFLVDIYEHFLNY	90.	VMFHKQYFARPNE
41.	GLKVRYKALQMI	91.	KKEKVTYAWNTPN
42.	HYKPANYESLLGR	92.	I IASNYDQRTRY
43.	QAGPMLYRRFRYF	93.	PYWFTKYNSAMIG
44.	NAEQRVYERGIDM	94.	PIKIKIYIFIKRM
45.	IYTTATYTDYSFP	95.	RSgifEYgTtiff
46.	TVLIGYYPMGHFQ	96.	SGMEKLYVINGGQ
47.	VVQMWNYSVFMHM	97.	YIANFTYVMWLLV
48.	HNAWHVYEVWDDK	98.	SFWMVSYFSRTIN
49.	LHFHLRYPMKSYK	99.	YPDHLAYVYGYQE
50.	SGSTVVYFTYRFL	100.	SSSRKTYEIVKFL

101. GAHEPAYTLKSYF
102. WLYGWGYQMSGDY
103. NWGAKSYGDWMYS
104. YLPHANYTMRGNL
105. MSKGHGYIADLYH
106. KTEQWTWYTPVAWD
107. MGPRLFYFGQNRP
108. VEFKQLYGFMMSQ
109. QSLGMRYVTTWVL
110. GNGAVGYFAFHVD
111. MDQRANYESMGS
112. VGSIGQYPMKHIE
113. NLLAKVYILTRQF
114. QHRKTMYYTLGFFT
115. HVAAIEYIYSRNL
116. YIGISVYILQSSL
117. RPVWDVYPAYYAV
118. NKALRDYVAPHHV
119. MHQDFRYEKMSHF
120. VMRNNVYYITTGG
121. NSIQDPYGAEMD
122. EGNVFNYYETLTRM
123. WTRMPVYVVRPFV
124. WNQYLWYQIVKNI
125. RLWRTFYSELRMV
126. VLNNFAYMLRPRE
127. HELQNPYDQQGTP
128. GPQVAIYVSTWDQ
129. RIFVFQYMIPIDY
130. NFYGKLYTIGGSP
131. NLKARAYMGILGR
132. TTYHAWYQHRIAK
133. LSKTGFYEPEAME
134. PKPGDEYSMKTEK
135. RFAGANYQMERAS
136. MNLLNHYELHHYY
137. YKLVYIYLVVPIV
138. NNFENFYRMTMSI
139. TWPQNIYVYTRMM
140. VSSAQIYKKHQEE
141. GDQGDAYPPWREG
142. YTFEWKYWEMNLW
143. HVDWATYPYLRND
144. YLKVHGYGIGKNF
145. FGYQRSYNFKSWI
146. HHQQRYYTGFPAP
147. WRHSGMYWWIYID
148. GNGTPLYSVQAPE
149. GEQHGDYESSWRN
150. LNSQNWYYFIKYG
151. TRGRAEYMFSAAG
152. QYRISKYHSISQH

153. IWVVENYHASYLL
154. PDEKVRYPQRIY
155. TPNFGRYLIIVQ
156. HPHSKQYMLMRPW
157. YMIRYMYFTGTVN
158. VINEKAYGVMLDG
159. TRDMQRYETNEWT
160. GIHKYIYKHTWMR
161. LMGKTFYTGIFHF
162. LDSVMWYDFWTVR
163. NPMWMIYAAIYPS
164. KKPIPLYVVGIPAH
165. LASKHNYSHYEIN
166. ATGNPVYMKPQSR
167. VQAFPIYGYGSAD
168. VAGMVSYYPDQIW
169. KFPTYNYKQLEQT
170. RRSWLLYVFFYYY
171. RLAPVYYSQGWY
172. QYGQHQYGSQAYY
173. VLPREMYWFGFQN
174. IIMWLLYHNYEEE
175. RAPKQIYFVLQRA
176. LSEFFPYPTAKN
177. VTKNDSYQVFYLV
178. QWQSHWYLDKYPD
179. WVYVGGYRDNLTH
180. VHTMTHYTIQQTR
181. NMEYIMYKVQTWI
182. PKEYSRYEQRAKK
183. GPDEEKYKNWDNM
184. SQGIFKYEGEFPG
185. HHVRGTYTKKVLN
186. GDKFPKYASLWPY
187. IAVPFVYIVGNQG
188. WSMLAQYSWVMEY
189. SHIWRPYKKIPMQ
190. YSVRQYLYLQSL
191. KVAGDKYQMVWEL
192. LGMNSLYAINSDF
193. MHTGEKYLTWNGL
194. NNYYPGYDGFYIY
195. GNGHQEYIVYVRR
196. IPELWVYHHYTDN
197. PITLGHYWMVKDY
198. DIMEHVVYGRKVVP
199. RKDIHQYAFDTWL
200. PHDRMGYHSGHQY
201. AIAVNAYEAVLLP
202. TSKTAMYITRTML
203. KYEGGPYASWYPA
204. WRHFAYLYNHRY

205. NLRNVEYGLMVLM
206. AFGMMEYLKWQIT
207. IAF'TLIYPTNREH
208. FKNHWMYERFYL
209. LGMGAVYPDNPQM
210. MNFVSQYPTMSSF
211. QPHPNMIIPNIRN
212. VYLP GKYS DMYVQ
213. GINRMKYWGRKHF
214. KHNMDSYKSMEST
215. ATATHFYHPQPTW
216. VLGQNSYIQSHWK
217. WTYNIWYRMRHLF
218. HWIAKIYPSELWP
219. SQANRQYMVEADQ
220. NRMAILYMGTWKD
221. PSGKRYFTVAAL
222. NRAGLGYAQNWID
223. DWWFRRYTPERAD
224. QMTSNRYYSQSDI
225. KTDGGHYLNFSGF
226. KFVSIIEYFHQIDE
227. YQIHLVYVNAVPK
228. YQAGQQYLWYMF
229. PMVMAPYKTAPLP
230. LEKNNSYSLEFVA
231. YYS DNRYGKIYPW
232. SHEFYVYREERKH
233. YSNNSFYEHAYYM
234. QRNGTKYKHYMVH
235. SGGFYFYLKDAWV
236. RPPFREYGTPPMG
237. EWDRLNYFNNNHH
238. NRARLG YVLLDWH
239. KKWLYLYKKWGNP
240. FWLIKEYTPTVMK
241. QMYFSVYHTPMKY
242. YNYEAYFIVHWT
243. HWIKVEYKSEYYR
244. GQAFNDYVTA AFH
245. TVVIQPYWLQHLP
246. NWWWISYADFSTE
247. NHRTQTYEQNFGM
248. RSLDHRYSFHQWW
249. LEVQRM YIRIKWM
250. TWPDKYYDGVLS
251. DVPGMPY YEGISR
252. GIMREGYSTDMI I
253. MQDMLLYRWFSAE
254. ADGQEWYEWEEGP
255. DTMLAMYGRPLIL
256. FMAVGPYVWLPPP

257. FMGEWMYNHRRQQ
258. PYFGKHYANAWKV
259. FFSMDNYVFQQWW
260. GYVVSGYKNSRAY
261. MNVDTWYAWFVDA
262. PWKFWGYMYTARR
263. TQGIYYYKHARRN
264. KHHPQKYMMQFRI
265. IDDQWWYPFHIIY
266. DMSIHYYARAFKF
267. HYKGIYYPTVLRP
268. VMMYHQYDLQMIG
269. GMFESIYWEVGAA
270. HKFWNQYEKEAQW
271. AIWSQPYHIKTWD
272. WTDVSIYFGSWNK
273. NANTKTYFFNPDD
274. AWYFSHYDPRRMD
275. RRMKKEYNIKDKQ
276. YATPAKYHRGPGR
277. LRPGKQYSRAVQM
278. EYWIQEYPGLAMA
279. WIADTNYPKVNVHW
280. KNRGWYYDGLWKH
281. PKNTYGYMDHDL
282. ILGLSHYNNYLNK
283. AIVALSYFIDYLR
284. DAISTIYSANNTA
285. WPPYDSYPHPAEG
286. RVLHIEYVFYITE
287. DEQVYWYRENNPQ
288. LMIPIGYPRHDEP
289. RGEYMFYWGRSWA
290. ARVKKFYMSFIHV
291. NNIFGPYLQDRLV
292. DYVEMQYDQMSFM
293. HAPITIIYAITWQW
294. VNNTARYMSAWPQ
295. ANYHSGYWHMVDA
296. AMKWDEYGLHLDK
297. EIHWHIYFRLPSK
298. SWTFVKYSWDLMV
299. WNPDPKYTPPHRT
300. MYLMQGY YHKWQV
301. WKDGHTYFDANLT
302. FQKGLLYFIRWFK
303. SPMSPGYMSIHTS
304. MPRVSEYFGPNWV
305. ITIPIDYAKYHNNH
306. VTMGIFYFPEDPR
307. GRNPKKYILWALE
308. WEKWDAYTQRMNM

309. YNSIDYYWRS LPA
310. VHEWRVYVA VDDN
311. FEA FRIYQYNAGW
312. DSYP PNYKQMFDE
313. SLGMYPY YYGDKH
314. TQHAHMYENHTIG
315. WPAWQIYTIWDAT
316. SRGHSQYPARYLE
317. INVWIEYGM YFEP
318. SGK FMPYLF FFFMT
319. VGFPPAYAIETLW
320. IHLWWR YDATNPE
321. THQYDMYVFEHYV
322. PKYAWRYAFVDQW
323. LIDYLWYPYTGRG
324. LGWEFAYYLVDTH
325. IFDMRAYHGHMQE
326. RPSPN WYALPWEA
327. WWI IHFYIMKRVK
328. SVTKYMYIFTMDW
329. FQPFLFYMP P SSD
330. DPTKINYEGL LNM
331. MWA EWSY EWSMLI
332. LWMRPNYKFIVQE
333. QFRLNNYKINPIV
334. PYRQPPYPVSIMS
335. VKMVRMY YTVMQI
336. RRTHGEYMDLLNE
337. NWSHDY YFDELFA
338. GWADSTYINAYGF
339. WPHSMTY YILVLI
340. YMKHHHYDYSYFN
341. MFKA WY YAFVYVL
342. TTTRLWYEWFP AW
343. EWFILKYDWLNMA
344. MEPLDAYLQGLFW
345. KIANRTYARSWYH
346. EWMVPGYLFQHDY

347. DSYMTAYWDAE V G
348. QDDTMAYS IFFIV
349. NPGLHDYHMQFKA
350. ELLELEYKFRGFS
351. KLTWWLYPMDAMW
352. NWSMVQYMTNTNV
353. MIGWRAYS VFKWL
354. QYLKQRYH SWKES
355. YWQNE MYWKMQIS
356. TPGLYMYLAKVRR
357. AFMFGQYSP PFYV
358. NNMNPEYLVGHIE
359. GEKLIRYDYQWVN
360. DGNYQLYDEENSF
361. PVTDFDYTSWTQP
362. NYHDDDYFYENQT
363. IRDSWHYQKVSFH
364. FTKYMN YIFVASM
365. HEVSQQYEAGFDQ
366. TWHTN WYSHDVKY
367. RFYWNLYQFWWND
368. RSRLIKYHIMRPH
369. YQWILAYGRRPSP
370. QKSPWIYTG TNQM
371. PTRKSHYIHYSQW
372. TQFMMDYNSGIGS
373. KTHQDLYYDMEHK
374. YHRQSMY NANYSE
375. ATRVDGYKENHFF
376. KPVAKMYQFTTMQ
377. GPDNAIYQAVDTQ
378. EFFHMGY AQHTNK
379. MDPHARYEKS NHQ
380. IYFSDHYDITIMV
381. ADINGKYNPGASE
382. ETINDMYVWFKGP
383. RKDDRAYMGNIPIY
384. QVNIPIIYYSEQLH

Sequence Information RLY-K_D

1.	HLEWKHYSVTYGP	51.	WNMDPEYDFWVFF
2.	KIMNKTYLVLYDI	52.	VTLWYYYRNAVN
3.	PDYYEWYRNNVIS	53.	PMRSAQYENPHQE
4.	RTFREFYMQKYDL	54.	WYWWIFYMSNIFL
5.	VSAHFLYDHEFDQ	55.	PKDYSWYKGENI
6.	HTESEAYNAPATA	56.	MLKDAHYPDSIDR
7.	IQHKVWYFHERWE	57.	KDSYTRYNVMVIF
8.	MPGGKRYRHEAPP	58.	KMENLAYHINLSV
9.	AWHWKEYNLTNVH	59.	MQHFTGYQGSHVP
10.	KLHSPGYFFNEPS	60.	NNQKQFYVQQIAW
11.	LMYGFAYWHRYMK	61.	LGVWAHYPTSLPL
12.	SWTHHDYQRTMGN	62.	MHILWSYKYSMVQ
13.	FWKHVIFYHIGKIA	63.	TLYTMVYMLYAGH
14.	PFNKGKYGIVVDG	64.	AKLEDMYLEEHRP
15.	RDNQYNYPHEVPV	65.	PHLEFWYQGDRVA
16.	TIILSGYYWRRHV	66.	YAGEGLYWMHNNL
17.	VSAKDQYMSWNRV	67.	GRWITRYTADKMK
18.	SRYQGMYYILRVN	68.	KDTSRIYAFPVGV
19.	GNFFHSYPQYIFQ	69.	PGRYHPYKPSNWF
20.	EPRDRGYFPTDNW	70.	WMAINWYINMTYF
21.	YKEYNMYTSFAIW	71.	VTFKWSYKDVGAS
22.	QRMKVPYQGEEFT	72.	WHHLAQYSSWMAS
23.	LIRAWYYGIRRNG	73.	DRLNPFYTFLLKM
24.	TSKITEYHENVLD	74.	AFLYSGYNDWAQK
25.	SFYDEWYSTNHGP	75.	HGSHIYYAPFYYP
26.	HNFMKGYSMQLV	76.	TWTMMRYPKMQMA
27.	YPFVKPYLLIYE	77.	RENDHKYRRDEPE
28.	IPDLRGYHNMWMA	78.	KEWNYLYIYQGIS
29.	HQIHYYAIDKMK	79.	GQRYKMYLGYIIG
30.	KPSMIAYNHDAK	80.	HGVRVTYSVQVLY
31.	EVSUYKYIMDDAV	81.	QRNFYSYALHFMI
32.	DYFKIVYFRMNQQ	82.	KVDTPYHYHMKAQFQ
33.	TGFTDAYIQFVMV	83.	EDVIMDYWKQSAI
34.	YFASNLYGVGKED	84.	PDHYFKYVWANMD
35.	ESFQMGYIRWSEN	85.	RINWVWYRKVYSH
36.	ENMMRAYANTGSE	86.	KIAWASYGAGRYR
37.	EEWTAQYAKRLDH	87.	WGWHQSYQWQVLH
38.	QNQPFFYIEKWNP	88.	AWMQGFYENRFLE
39.	QPENHHYVLPPQS	89.	IMRDFEYAINFLE
40.	IDFGMKYNIKMF	90.	KTLEVDYHVFNHW
41.	PFSWERYESITDE	91.	SFPSTSYWNHFSG
42.	DYMMTEYRWYELE	92.	WFTYRAYNYIYKE
43.	QRVFSAYDMGWHF	93.	WNRNAWYHDRPGR
44.	ILNRQYYLRDESD	94.	FNFFILYLMFRQG
45.	NTNAVGYVWSKKG	95.	APFKDFYEIKWNE
46.	VLVPRMYIHLWNT	96.	NYKYHVYQLTANK
47.	QDRWNLYEPLYHM	97.	LVKIQVYDPMTFD
48.	RGNETGYKADEIG	98.	WHPLYRYWEDRYA
49.	FNGQAIYFHQGGF	99.	KGVHYNYNGILHT
50.	FKNVAFYFDGGHP	100.	HQLHYYYRVGTMS

101. AELSTQYGFIIAF
102. LHIKYPYNATLPL
103. IRKNAPYIDVMFE
104. RMILMPYTKFGWQ
105. ISPFIDYHGLHLM
106. DKMMIRYEQSLSR
107. TTFMPKYEFFGK
108. TLMQYLYFMPGTY
109. KYMRWFYFMIVVE
110. ERYKEVYVHFEHT
111. GRHAADYELRHLLT
112. FSKHEAYVVFLKV
113. GKMFGWYFTWWLV
114. QHDFNAYAYTDEY
115. FQQGPMYLRIGFE
116. KYTNLLYYKKIPP
117. YQHEWIYWPMLDK
118. EHPLTKYRFGGHN
119. RLWDSFYHGREAQ
120. RHWVMSYKRDKNG
121. PEVYYEYQTESML
122. FNHDFMYILVDDE
123. FNKQYDYVHPVER
124. LVDAVIYTRSHME
125. DNQNYGYKQPQNQK
126. HETQPKYRKENAD
127. DHQKFSYDSVYRS
128. EFAQNFYRAIQII
129. RYLAFEYMYFVID
130. INANAMYADTWLV
131. HPTGPIYPLPTGY
132. HPWVVDYFVFDQE
133. NYHRDMYQMNSKA
134. SFLSYGYAKIDDE
135. SIRALHYKSGATR
136. GFHDQAYLIHNNHQ
137. YNYWQNYPGHNIR
138. TSVAGNYFWWKEI
139. QRMQAPYWAETYQ
140. AQLSAHYRRVGVQ
141. RKYRRRYWLEKIM
142. ENADFAYRHFLKI
143. TVNTNYYILSKVT
144. EWWQYLYMGWPYD
145. AEWDFYGPEDPG
146. AYFMLIYRMHEHH
147. HVNNVQYARVHHD
148. HRVRSKYDVMGQW
149. PQRAKMYNTLPMT
150. DSKNFHYGWHNMP
151. PIRHHEYYS DGTA
152. VMPFPGYEFYAFVM

153. WRDSWSYVTFTEK
154. RFEEMNYNNYQIN
155. AEVWFYYPQPDTS
156. APKPLVYRFMKYW
157. HLEYVQYYDRDDV
158. SVFLNMYFPIKEK
159. DGLGYFYGGGWRG
160. KMPRYQYTFVQEG
161. DVAWVDYPEYKVL
162. INGMHQYIPEMSR
163. IIMMRGYKWWGHI
164. GVRPGTYEIEENVW
165. ANWHTFYMMLHMV
166. FILKLGYSNRLIY
167. WQVPSAYSAMGYF
168. DWFFSTYTWIAWH
169. LKDHPWYVDVTFLL
170. KMRNLMYLDHKHR
171. EDNHEQYQRFLAV
172. DFFYGYYNMPPNVV
173. HNFKWDYVQMLSL
174. PMLKLRYLHMVIP
175. HPREIRYSRPYWE
176. TSSYVGYWKLTV
177. IRMISRYNPMIPK
178. VRGHEKYTSQYQM
179. PHGKAFYYYKRQN
180. LIDQQGYTTARGW
181. ELSFDWYFFQKRI
182. WTLFSKYSHMGEV
183. RWIVGVYWYQTWS
184. MEFEDPYLLMFHV
185. FGNRQYYMQLNYD
186. ATIQEEYAFTMMF
187. AWHQLPYMVPEIM
188. WVFYRIYNYDEPN
189. QIPYDSYGSPALL
190. AGNIAQYNI EQGT
191. QKPMNDYRNGSSF
192. NFHPNQYFITKKK
193. PDFRFQYLMPEGG
194. YEVLGNYWLHTGG
195. NYRSAYSWDLNG
196. TKTDIWIYPIKMMH
197. NI IWE EYFWTLTK
198. MGNWRAYPISMPN
199. PVPKTHYKHSMT
200. RLF IWRYRNRMMN
201. LYTHMYSPRRVG
202. HAHPVYKITEQD
203. IETLAGYVNEPQW
204. MRFHQSYAVKHRD

205. FEAHASVDEKVRP
206. ALASTGYADQSHQ
207. ATMPGPYNEKTTV
208. KKWSMPYGYHREF
209. AKHYGYYYTLAHN
210. GADGWSYVDEETL
211. ASYPQSYTHTRAE
212. VFPANGYRHQPAD
213. KITILKYLMSHFI
214. HHNFRFYAMAWIG
215. IVWAPGYSEHWMI
216. LKLPFIYPVQENW
217. TFAWFPYNSDRFL
218. HSEAELYIRKPEI
219. FQNRITYTPYPLE
220. NFGYETYFRTPRR
221. QQEGEPYYIKWGG
222. DTKLTKYELMSRD
223. HLLFAPYFNFWKS
224. FEYRDSYYHGYGT
225. NDRHISYKQQGTW
226. PMFQAGYSQWLWE
227. KSERSKYVHPGVF
228. YPTAAIYSPEVLF
229. HATWNTYDHDPA
230. ALWQMLYDYTKVG
231. TSKRVLYVMGKDM
232. WLARMRYPHTPKR
233. PWDNYIYEPVQGY
234. FTVFKLYSGSDHA
235. PRQVWRYGDQYQY
236. TAMYKGYFPPLWH
237. FPPSAAYWRVGE
238. HVIWDAYSMMMEYM
239. QYTQTEYFGNNQD
240. KPHKWTYKMYSKN
241. HTRHQPYEWYNKD
242. IQTYWEYGTPTYE
243. YVPHHSYLPLTPP
244. EPDDNKYEEIERT
245. HHAFQLYTIKGVY
246. VRRSPEYNATYAR
247. LFVISVYIWPHEI
248. ARSELQYGSMPPT
249. NNEVDPYKDNSPW
250. NSQMKQYTTEIVV
251. IWKYRFYNRMSVF
252. YPLRQHAYAEQGFN
253. ARQEELYARTIGI
254. RIKRMIYDDFMYR
255. RSFDPVYLVHAVT
256. RGPLHNYWKWPSF

257. FSPQISYPPNSEF
258. ITENNIYAGDLNE
259. VGYETLYTLIETQ
260. WSYRHNHYHATMVF
261. RENFRDYNSLTY
262. VQLDQWYPMIHVY
263. IRNDPEYPNHFIG
264. GWQYNSYVFHWSR
265. GDDWGNYSRNDFI
266. ISLVEIYSRRNDF
267. EMQWKIYGNEASD
268. RGNTSQYDAGHVS
269. GMPVGNYSNTASSE
270. TSDMEEYHEFWAQ
271. LQHPFFYNEVISE
272. VQWKGRYFGPMMS
273. QTNPGGYRTKAVV
274. LHRMGMYQPMAT
275. HDEANVYFSERVF
276. APSYYWYAAGLGR
277. PQSNGNYEINKQM
278. SKAVLNYEEVIAW
279. ETMLIHVMQMEYQ
280. WHPENIYRPQEHR
281. ERIMPEYTPDPNE
282. TNNNQPYDGMASF
283. VFTHVEYWYGMII
284. GWNESRYTIIDAH
285. TMGNVDYMRSDKT
286. FRWALDYQLVLEK
287. RQLDNEYSDIKEE
288. REKQMRYSVDHE
289. IQNTHLYNRVPKY
290. WNRRMPYHMQQNM
291. NIGGSLYLTHEGK
292. VHKRIAYSGMDDE
293. DGVWVMGYGKKEFK
294. FPKTGLYYATSSR
295. TMEQPPYAHNHLY
296. FPHDEFYKDGAWN
297. QRPPHIYQLQFPR
298. KDAFRWYQIKKDR
299. NRADMAYKVNESM
300. KEPWKYYYTVVYP
301. NMHTDGYEGYKSD
302. IWMKFNYFKGSDN
303. NWTAPSYLDLTGG
304. YGEKVEYNMPWGD
305. HSVRQHYQDWQPL
306. WSIWYGYTSNMPN
307. RWELYVYSYLHQL
308. TPYWAQYEAAGRS

309. NQELSGYHFVRSQ
310. HKRASGYYSIDSP
311. GYLEKSYLYRNHI
312. NTAMMEYIWKSWF
313. GSAAIQYRYSLLP
314. TQEWETYKGRIAI
315. GRGEALYLMNFSS
316. KFNWQLYSVSQTT
317. IFHFGVYGKLFKR
318. MWAFAGYKFVLLL
319. TMMQGTYLTVYQ
320. IAKDYIYIMWDMQ
321. FKRRIRYTNMYQ
322. ARKKQGYMKPMNG
323. ERMWRVYNPFPFH
324. AVEKGAYPFFVFE
325. YPVKKIYHGQGR
326. VRLTFPYRMFDMW
327. ETWWGAYSYLKSH
328. KLSFWLYMHKYIG
329. SYHPRPYIRTKQI
330. KTQKFNYHKWKMN
331. FQQSPGYSNATGP
332. LYPFRRYHENMLI
333. FPFNKFYSDGEW
334. EWIDEHYQRSADR
335. LNDSQSYKFWYDL
336. TLVGPAYRSMNWP
337. PGSLEWYEWTIFK
338. FYPTAVYAGHWLI
339. FISWNKYGAQDAY
340. YNLGESYRMHHMD
341. ITAKYKYTVMPFR
342. YGNDHRYTSMYND
343. QHWYNMYGRDPPN
344. IYKDFTYISPYHR
345. NSPQAMYINYENL
346. TAHRAPYGQAKFK
347. RTYFAWYYAVRSG
348. VQGGNVYQINKWY
349. EINLKYYEMPVHF
350. DFLFNVYHKRSET
351. MMKESLYLKKLYR
352. KVIDKNYHQDRGA
353. GWQFRIYSKAHAT
354. YMRGYYYGPNLTV
355. EKLESHYPVKSRH
356. YQLLYNYIFLYAH
357. HDVQAVYHVWEAN
358. STLTWDYGMPHQA
359. MRHNGVYVQFTPL
360. SEVETPYIHRWIL

361. MYSWDMYMYFSVE
362. QYFKNGYAMRNDM
363. EVNINIYWWAELK
364. NFYQLWYATDVKF
365. TDYWQVYPHEFLD
366. QDEMSAYIGGPER
367. KDFPFRYHPGIRQ
368. NQFKGHYLEWDTR
369. WQMVHAYKFSQDI
370. FDLPLDYWVQSFD
371. DETTIWYSYAEFW
372. WGQIFDYKNAQAS
373. SFATVPYFLDNRK
374. VRDWKWYPNGDGL
375. HWSMQIYVTIAIQ
376. FVFVVDYRPAAME
377. DGYFMRYTAMSDG
378. EPPFWHYKWSVQQ
379. RRTNYMYKVPISI
380. MNWHNGYWRRDFW
381. AYWANLYWGPLPI
382. YNGGQAYEISKTA
383. AYDQPNYGGGADM
384. GWTGGRYVTVRMD