

Computation meets experiment: Identification of highly efficient fibrillating peptides

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ELECTRONIC SUPPLEMENTARY INFORMATION

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1. Materials

2-CTC resin, *N*- α -Fmoc-L-amino acids and building blocks used during chain assembly were purchased from Iris Biotech GmbH (Marktredwitz, Germany). Ethyl cyanoglyoxylate-2-oxime (Oxyma) was purchased from Novabiochem (Darmstadt, Germany), *N,N'*-dimethylformamide (DMF) and trifluoroacetic acid (TFA) were from Carlo Erba (Rodano, Italy). *N,N'*-diisopropylcarbodiimide (DIC), dichloromethane (DCM) and all other organic reagents and solvents, unless stated otherwise, were purchased in high purity from Sigma-Aldrich (Steinheim, Germany). All solvents for solid-phase peptide synthesis (SPPS) were used without further purification. HPLC grade acetonitrile (ACN) and ultrapure 18.2 Ω water (Millipore-MilliQ) were used for the preparation of all buffers for liquid chromatography. The chromatographic columns were from Phenomenex (Torrance CA, USA). HPLC eluent A: 97.5% H₂O, 2.5% ACN, 0.7%TFA; HPLC eluent B: 30% H₂O, 70% ACN, 0.7%TFA

2. Peptide Synthesis: General Procedures

Resin loading

CTC resin (1.6 mmol/g loading) was swollen in CH₂Cl₂ for 30 min. A solution of entering Fmoc- amino acid and DIEA (1.2:8 eq over resin loading) in CH₂Cl₂/NMP (3/1, 3 mL) was added and the resin shaken at rt for 2 h. The resin was washed with DMF (2 \times 3 mL) and capping was performed by treatment with MeOH in DCM (1 \times 30 min). The resin was then washed with DMF (2 \times 3 mL), CH₂Cl₂ (2 \times 3 mL), and DMF (2 \times 3 mL). The resin was subsequently submitted to fully automated iterative peptide assembly (Fmoc-SPPS).

Peptide Assembly via Iterative Fully Automated Microwave Assisted SPPS

Peptides were assembled by stepwise microwave-assisted Fmoc-SPPS on a Biotage ALSTRA Initiator+ peptide synthesizer, operating in a 0.1 mmol scale. Activation of entering Fmoc-protected amino acids (0.3M solution in DMF) was performed using 0.5M Oxyma in DMF / 0.5M DIC in DMF (1:1:1 molar ratio), with a 5-equivalent excess over the initial resin loading. Coupling steps were performed for 20 minutes at 50°C. Fmoc- deprotection steps were performed by treatment with a 20% piperidine solution in DMF at room temperature (1 \times 10 min). Following each coupling or deprotection step, peptidyl-resin was washed with DMF (4 \times 3.5 mL). Upon complete chain assembly, resin was washed with DCM (5 \times 3.5 mL) and gently dried under a nitrogen flow.

Cleavage from the Resin

Resin-bound peptide was treated with an ice-cold TFA, TIS, water, thioanisole mixture (90:5:2.5:2.5 v/v/v/v, 4mL). After gently shaking the resin for 2 hours at room temperature, the resin was filtered and washed with neat TFA (2 \times 4 mL). The combined cleavage solutions were worked-up as indicated below.

Work-up and Purification

Cleavage mixture was concentrated under nitrogen stream and then added dropwise to ice-cold diethyl ether (40 mL) to precipitate the crude peptide. The crude peptide was collected by centrifugation and washed with further cold diethyl ether to remove scavengers. Residual diethyl ether was removed by a gentle nitrogen

stream and the crude peptide was purified by RP-HPLC and pure fractions combined and analysed by ESI-MS.

RP-HPLC analysis and purification

Analytical RP-HPLC was performed on a Shimadzu Prominence HPLC (Shimadzu) using a Shimadzu Shimpack GWS C18 column (5 micron, 4.6 mm i.d. x 150 mm). Analytes were eluted using a binary gradient of mobile phase A (100% water, 0.1% trifluoroacetic acid) and mobile phase B (30% water, 70% acetonitrile, 0.1% trifluoroacetic) using the following chromatographic method: 10% B to 100% B in 14 min; flow rate, 1 ml/min. Preparative RP-HPLC was performed on a Shimadzu HPLC Prominence system using a Gemini, Shimadzu, C18 column (10 micron, 21.2 mm i.d. x 250 mm) using the following chromatographic method: 0% B to 90% B in 45 min; flow rate, 14 ml/min. Pure RP-HPLC fractions (>95%) were combined and lyophilized.

Sample preparation

Peptide solutions used for TEM, rheology and crystallization were freshly prepared by dissolving the peptides in 18.2 Ω water (Millipore-MilliQ). The solutions were sonicated for 20 seconds, and gently warmed to reach 60 °C, before slow cooling to r.t. All samples were stored at r.t. for 48 hours before rheology and TEM analysis.

Rheometry

A KINEXUS Pro+ rheometer (MalvernPanalytical, UK) was used to measure viscoelastic properties of the tested peptide samples. Samples were pre-formed and directly transferred on the bottom rheometer plate. The upper geometry Cone 60mm, was lowered until it was in conformal contact with the top surface of the hydrogel, corresponding to gap distances of 1.0-1.5 mm. Temperature was controlled with a Peltier device and maintained at 25°C. All the oscillatory measurements were performed within the linear viscoelastic range. Each analysis was repeated at least 3 times, and representative measures are reported.

3. Coarse grain molecular dynamics

Pentapeptides coordinate files were created using VMD scripting tools¹ and converted to CG representation in the MARTINI force field (version 2.2) using martinize.py.² As the secondary structure needs to be defined in the force field, the flag –ss = EEE was used, (E = extended b-sheet) leading to Qa, Nda and Qd beads for the backbone particles. This choice was made as b-sheet-like conformations are often observed in peptide nanostructures³. An alternative choice would be to use random coil (R or C) parameters, but in MARTINI v. 2.2, the relevant differences between E and R bonded interactions are small: a slightly elevated backbone-backbone-backbone angle and force constant (134° and 25 kJ/mol vs 127° and 20 kJ/mol, respectively), and a different particle type (Nda for E, P5 for R).⁴ The latter leads to an attractive interaction of the middle amino acid backbone with other particle types that is on average ~0.5 kJ/mol lower. Although these changes could impact the aggregation rate and the final state, the objective of the current study is to rapidly reduce a large number of potential pentapeptides into a select few to evaluate their propensity to fibrillate.

Using the GROMACS code version 4.5.3,⁵ a cubic box of 10 x 10 x 10 nm³ containing 90 zwitterionic pentapeptides was created giving a peptide concentration of 0.1 mol L⁻¹ in standard CG water, with side chains in their most prevalent charge state at pH 7. Periodic boundary conditions were used. LJ interactions were shifted to zero in the range 0.9-1.2 nm, and electrostatic interactions in the range 0.0-1.2 nm for all simulations (no Particle Mesh Ewald method was used). A relative dielectric constant $\epsilon_r = 15$ was used in standard CG water simulations for screening of the electrostatic interactions, while 2.5 was used for simulations in polarizable water. The box was energy minimized for 5000 steps or until forces on atoms converged to under 200 pN. The minimized box was subsequently equilibrated for 500,000 steps of 25 fs, using the Berendsen algorithms⁶ to keep temperature ($\tau T = 1$ ps) and pressure ($\tau P = 3$ ps) around 303 K and 1 bar, respectively.

Bond lengths in aromatic side chains and the backbone-side chain bonds in I, V and Y were constrained using the LINCS algorithm.⁷ The total simulation for this initial screening phase equates 12.5 ns, but this equates to roughly 50 ns ‘effective time’, due to the smoothness of the CG potentials.^{8,9} All times reported in this paper take into account this speedup factor. For the pentapeptides selected for further study, the water in the solvated energy-minimized box was converted to polarizable water (PW)¹⁰ to better account for charge screening. This system was then energy-minimized again and run in the NPT ensemble for 4x10⁶ steps of 25 fs, or 400 ns effective time. The AP was calculated at 400 ns.

4. XRD analysis - Structural characterization of peptides 1-4.

CCDC 2174444, 2174445, 2174446 and 2174447 contain the supplementary crystallographic data for compounds GFEDF (1), GFTEF (2), HFEEF (3) and SFVEF (4). Related files can be obtained free of charge from The Cambridge Crystallographic Data Centre via <https://www.ccdc.cam.ac.uk/structures>.

XRD data were collected at the XRD1 and XRD2 beamlines of the Elettra Synchrotron, Trieste (Italy).¹¹ The crystals were dipped in NHV oil (Jena Bioscience, Jena, Germany) and mounted on the goniometer head with kapton loops (MiTeGen, Ithaca, USA). Complete datasets were collected at 100 K (nitrogen stream supplied through an Oxford Cryostream 700) through the rotating crystal method. Data were acquired using monochromatic wavelengths of 0.700 Å or 0.620 Å on Pilatus hybrid-pixel area detectors (DECTRIS Ltd., Baden-Daettwil, Switzerland). The diffraction data were indexed, integrated and scaled using XDS.¹² Two different triclinic GFTEF crystals have been merged using CCP4-Aimless code,^{13,14} to obtain a complete set of data. The structures were solved by the dual space algorithm implemented in the SHELXT code.¹⁵ Fourier analysis and refinement were performed by the full-matrix least-squares methods based on F² implemented in SHELXL (Version 2018/3).¹⁶ The Coot program was used for modeling.¹⁷ Anisotropic thermal motion refinement have been used for all atoms with occupancies higher than 50%. HFEEF crystals diffracted poorly (best ones show reflections at a maximum resolution of ~1.0 Å), so anisotropic thermal motion modeling has been applied only to hetero atoms to avoid over-refinement. Geometry and thermal motion parameters restrain (SIMU, DFIX and DANG) have been used on disordered fragments. Hydrogen atoms were included at calculated positions with isotropic U_{factors} = 1.2•U_{eq} or U_{factors} = 1.5•U_{eq} for methyl and hydroxyl groups (U_{eq} being the equivalent isotropic thermal factor of the bonded non hydrogen atom). Hydrogen atoms bound to water molecules could not be always unambiguously located and have not been modeled. Stereocenters chiralities have been experimentally assigned using Flack parameter¹⁸ from datasets with highest resolutions, and they match the expected configurations (known from synthetic pathways). Pictures were prepared using Ortep-3¹⁹, CCDC Mercury²⁰, Coot¹⁷ and Pymol²¹ software.

Peptides crystallize in chiral space groups with two molecules in the asymmetric units (ASU) of GFEDF, GFTEF and SFVEF and one for HFEEF (Figure 1S). Crystallographically independent molecules adopt similar conformations with minor sidechains rearrangements. Several ionic interactions are found in crystal packing and involves N and C terminals as well glutamate and histidine sidechains. Salt bridges links C-terminal carboxylate with primary amine of protonated N-terminal of flanked molecules for SFVEF, GFTEF and GFEDF (shorter -COO⁻···NH₃⁺ distances are 2.737(4) Å, 2.653(4) Å and 2.777(12) Å, respectively). HFEEF is different because C-term carboxylates seem to be protonated and the presence of trifluoroacetate ions in mask the positively charged N terminals.

All the peptides adopt extended folds well superimposable (Figure S4), that allow stacking of molecules to form β strands. Ramachandran plots²² (Figure S5) support this evidence and highlight a slightly different behavior for GFEDF: packing effects and an intramolecular interaction with Asp4 sidechain bend the N-terminal glycine and make Phe2 residues fall in the favored region usually associated with α-helices. Strong hydrogen bonds among amidic groups of neighbor peptide chains cooperate to stabilize β sheets (Table S3). Water molecules have been located in crystal voids. Most of them are involved in hydrogen bonds with peptide hetero atoms and polar groups on sidechains. π···π stacking and CH···π contacts among aromatic phenylalanine and histidine sidechains are also stabilizing the peptides packing.

5. Figures

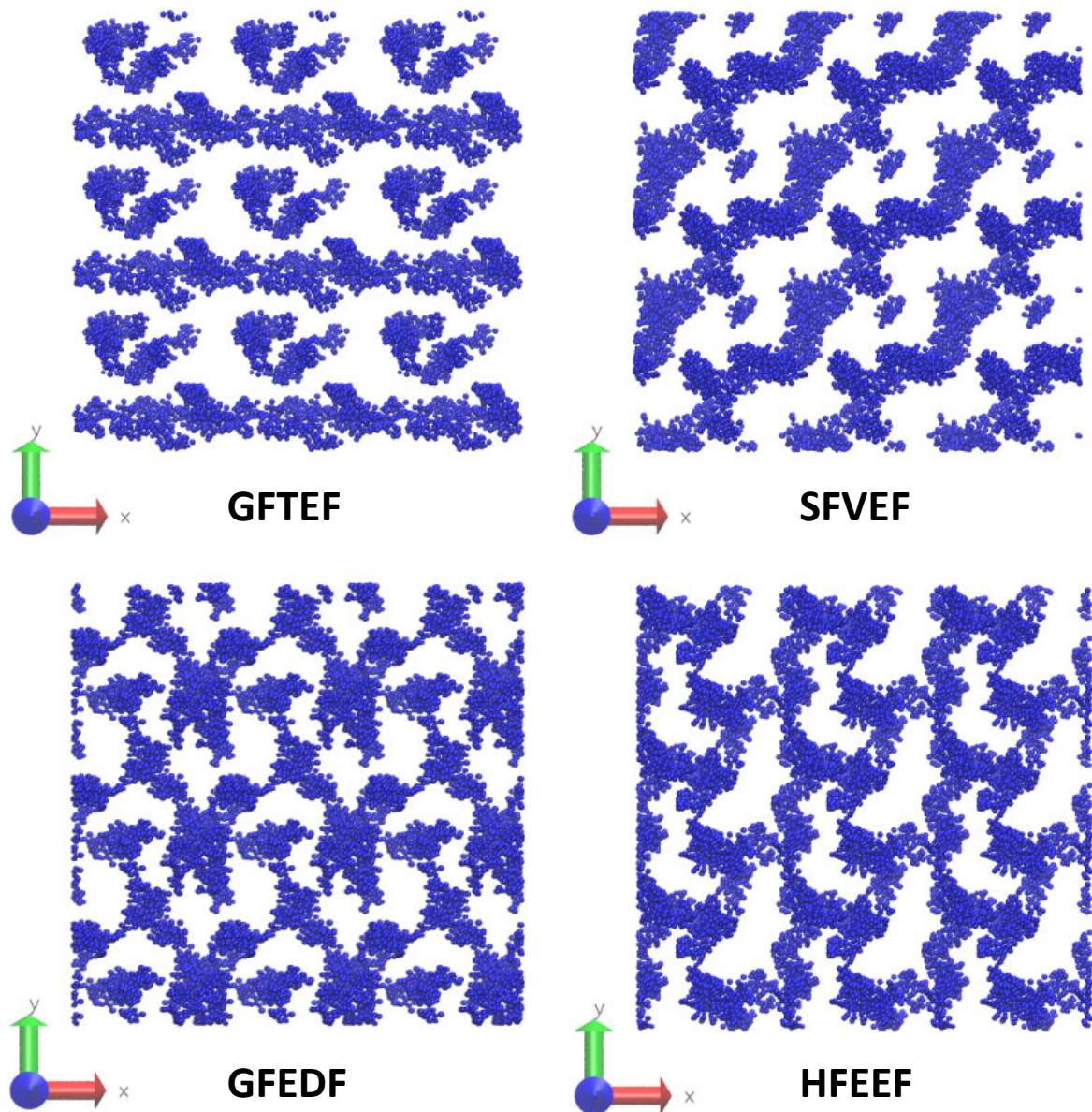


Fig. S1. CG-MD simulation results (500 ns) for GFTEF (1), GFEDF (2), HFEEF (3) and SFVEF (4)

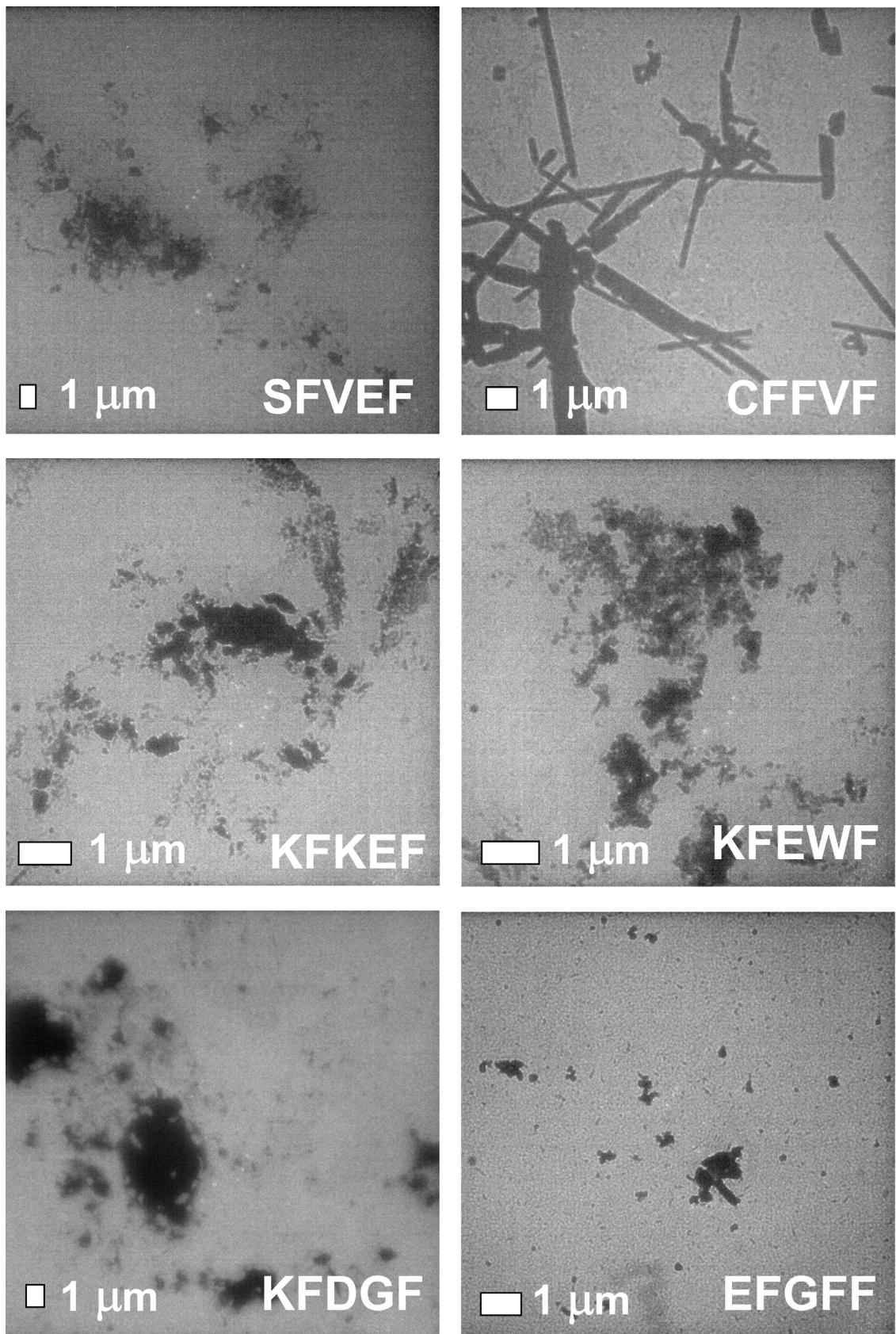


Fig. S2. TEM images of selected peptides studied in this paper.

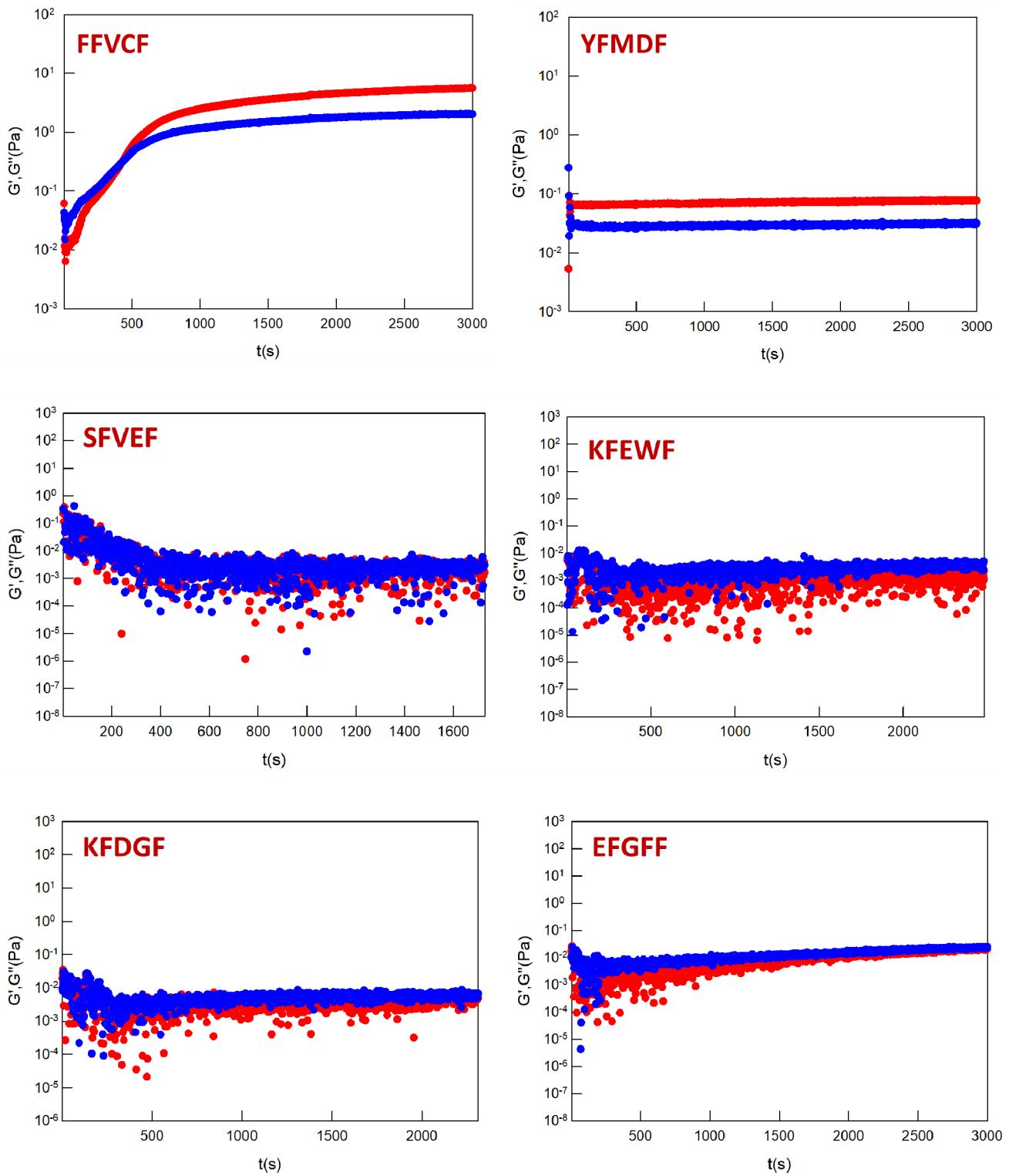


Fig. S3. Time sweeps experiments (0.3 Hz, 0.01 Pa) of FFVCF, YFMDF and pentapeptides 1-4.,

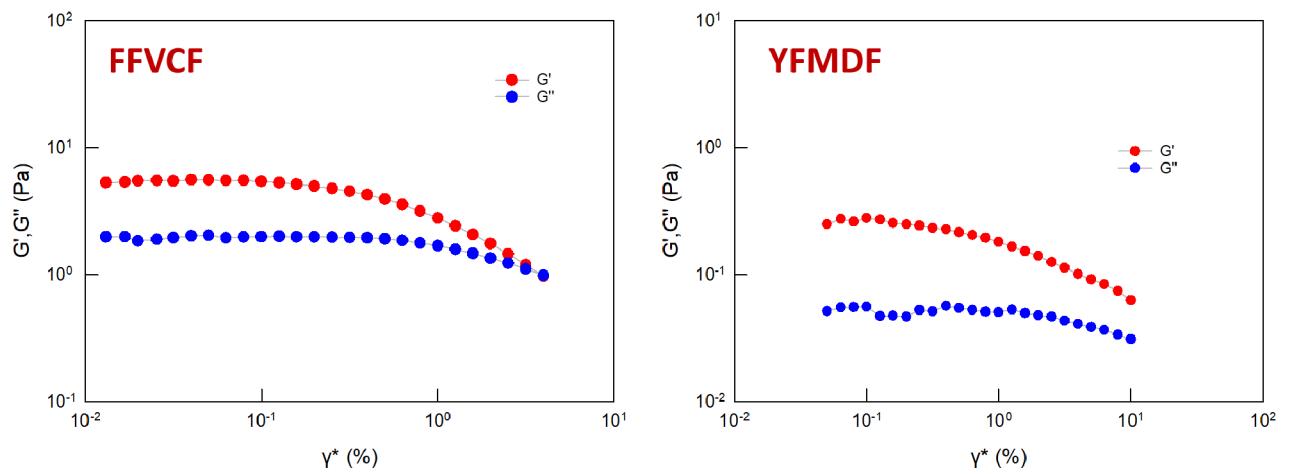


Fig. S4. Strain sweep experiment (Linear Visco Elastic Region) obtained for FFVCF and YFMDF at 0.4 mM concentration.

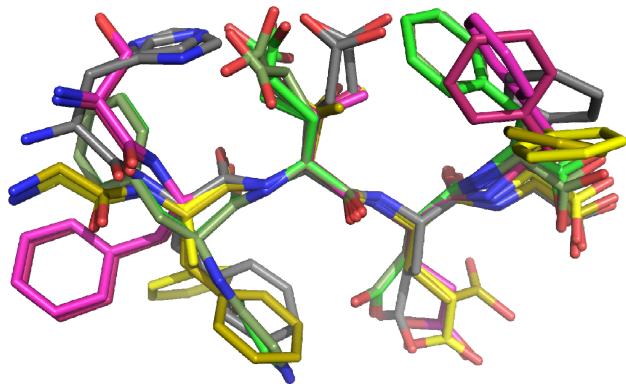


Fig. S5. Overlap of single strands (taken from crystal structures, stick representation) of peptides GFEDF (**1**, green carbons), GFTEF (**2**, yellow carbons), HFEEF (**3**, grey carbons) and SFVEF (**4**, pink carbons).

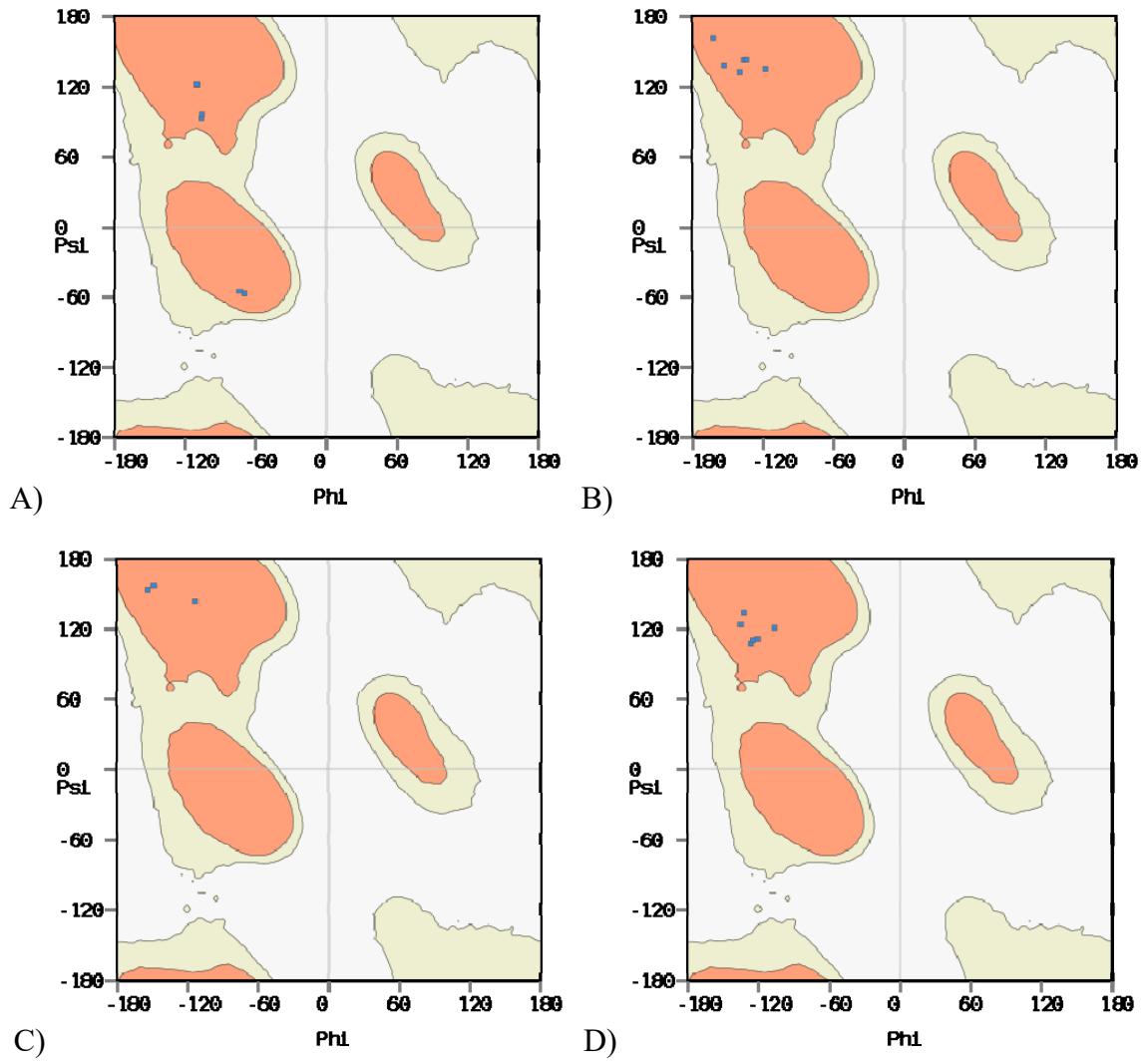


Fig. S6. Ramachandran plots for (A) GFEDF (1), (B) GFTEF (2), (C) HFEEF (3) and (D) SFVEF (4).

6. Tables

	ESI-MS (m/z) calculated	ESI-MS (m/z) found	Rt
CFFVF	662.3 (M^+)	662.4 (M^+)	12.5 min
GFTEF	600.2 (M^+)	600.3 (M^+)	9.4 min
HFEEF	708.3 (M^+), 354.6 (M^{2+})	708.3 (M^+), 354.9 (M^{2+})	8.5 min
KFKEF	698.4 (M^+), 349.7 (M^{2+})	698.6 (M^+), 349.8 (M^{2+})	7.9 min
DFNKF	670.3 (M^+), 335.6 (M^{2+})	670.4 (M^+), 335.8 (M^{2+})	8.3 min
KFDGF	613.3 (M^+)	613.4 (M^+)	8.7 min
KFEWF	756.3 (M^+), 378.6 (M^{2+})	756.5 (M^+), 378.9 (M^{2+})	10.4 min
SFVEF	628.3 (M^+), 314.6 (M^{2+})	628.4 (M^+)	10.2 min
YFMDF	722.3 (M^+), 361.6 (M^{2+})	722.3 (M^+)	11.1 min
FFVCF	662.3 (M^+)	662.4 (M^+)	12.4 min
EFGFF	646.3 (M^+)	646.5 (M^+)	11.2 min
GFEDF	614.3 (M^+)	614.3 (M^+)	9.2 min

Table S1. Peptide characterization

	Amide I region peaks (cm ⁻¹)	
DFNKF	1641	1669
HFEEF	1639	1693
GFEDF	1653 (br)	
GFTEF	1630 (s)	/
FFVCF	1630 (s)	/
YFMDF	1630 (s)	/
SFVEF	1634	1674
CFFVF	1629 (s)	/
KFKEF	1638 (w)	1664
KFEWF	1645 (w)	1667
KFDGF	/	1665
EFGFF	1642 (br)	

Table S2. Amide I FTIR peaks of the pentapeptides studied in this paper. In red are the sequences showing fibril-like morphology in TEM or forming β -sheet based crystal structures. Abbreviations: br, broad; s, strong; w, weak.

	GFEDF (1)	GFTEF (2)	HFEEF (3)	SFVEF (4)
CCDC Number	2174444	2174445	2174446	2174447
Chemical Formula	C ₂₉ H ₃₅ N ₅ O ₁₀ · ¹ / ₂ H ₂ O	C ₂₉ H ₃₅ N ₅ O ₁₀ · ¹ / ₂ (NaC ₂ F ₃ O ₂)·3H ₂ O	C ₃₄ H ₄₂ N ₇ O ₁₀ ·C ₂ F ₃ O ₂ · ⁹ / ₂ H ₂ O	C ₃₁ H ₄₁ N ₅ O ₉ ·2H ₂ O
Formula weight	616.19 g/mol	721.69 g/mol	898.83 g/mol	663.72 g/mol
Temperature	100(2) K	100(2) K	100(2) K	100(2) K
Wavelength	0.620 Å	0.620 Å	0.700 Å	0.620 Å
Crystal system	Monoclinic	Triclinic	Monoclinic	Monoclinic
Space Group	P 2 ₁	P 1	C 2	P 2 ₁
Unit cell dimensions	<i>a</i> = 25.238(5) Å <i>b</i> = 4.988(1) Å <i>c</i> = 25.694(5) Å α = 90° β = 116.13(3)° γ = 90°	<i>a</i> = 9.475(2) Å <i>b</i> = 11.269(2) Å <i>c</i> = 17.688(4) Å α = 81.39(3)° β = 79.74(3)° γ = 78.24(3)°	<i>a</i> = 31.544(6) Å <i>b</i> = 9.474(2) Å <i>c</i> = 15.431(3) Å α = 90° β = 92.44(3)° γ = 90°	<i>a</i> = 9.724(2) Å <i>b</i> = 33.662(7) Å <i>c</i> = 9.966(2) Å α = 90° β = 90.87(3)° γ = 90°
Volume	2903.9(12) Å ³	1806.8(7) Å ³	4607.4(16) Å ³	3261.8(11) Å ³
Z	4	2	4	4
Density (calculated)	1.409 g·cm ⁻³	1.327 g·cm ⁻³	1.296 g·cm ⁻³	1.352 g·cm ⁻³
Absorption coefficient	0.080 mm ⁻¹	0.083 mm ⁻¹	0.105 mm ⁻¹	0.077 mm ⁻¹
F(000)	1302	762	1892	1416
Theta range for data collection	0.8° to 24.1°	1.0° to 31.1°	1.3° to 20.5°	1.1° to 31.1°
Index ranges	-32 ≤ <i>h</i> ≤ 32, -5 ≤ <i>k</i> ≤ 6, -33 ≤ <i>l</i> ≤ 33	-14 ≤ <i>h</i> ≤ 14, -18 ≤ <i>k</i> ≤ 17, -29 ≤ <i>l</i> ≤ 29	-31 ≤ <i>h</i> ≤ 31, -9 ≤ <i>k</i> ≤ 9, -15 ≤ <i>l</i> ≤ 15	-16 ≤ <i>h</i> ≤ 16, -53 ≤ <i>k</i> ≤ 55, -15 ≤ <i>l</i> ≤ 16
Reflections collected	42774	86162	9914	42185
Resolution	0.76 Å	0.60 Å	1.00 Å	0.60 Å
Independent reflections	13235, 6752 data with <i>I</i> >2σ(<i>I</i>)	30753 , 19891 data with <i>I</i> >2σ(<i>I</i>)	4597, 1906 data with <i>I</i> >2σ(<i>I</i>)	23256, 13582 data with <i>I</i> >2σ(<i>I</i>)
Data multiplicity (max resln)	5.53 (5.11)	4.92 (2.94)	3.82 (3.86)	2.64 (1.19)
<i>I</i> /σ(<i>I</i>) (max resln)	9.50 (1.21)	6.52 (2.58)	4.44 (1.00)	9.87 (2.18)
R _{merge} (max resln)	0.0832 (0.7283)	0.0932 (0.4969)	0.1474 (0.7150)	0.0631 (0.3178)
Data completeness (max resln)	96.4% (92.0%)	89.7% (74.1%)	98.7% (97.7%)	82.8% (54.3%)
Refinement method	Full-matrix least-squares on F ²	Full-matrix least-squares on F ²	Full-matrix least-squares on F ²	Full-matrix least-squares on F ²
Data / restraints / parameters	13235/ 105 / 867	30753 / 5 / 935	4597 / 370 / 441	23256 / 13 / 829
Goodness-of-fit on F ²	1.015	1.007	1.072	1.005
Δ/σ _{max}	0.000	0.000	0.000	0.000
Final R indices [<i>I</i> >2σ(<i>I</i>)]	R ₁ = 0.0788, wR ₂ = 0.1902	R ₁ = 0.0856, wR ₂ = 0.2237	R ₁ = 0.1330, wR ₂ = 0.2853	R ₁ = 0.0645, wR ₂ = 0.1616
R indices (all data)	R ₁ = 0.1584, wR ₂ = 0.2322	R ₁ = 0.1253, wR ₂ = 0.2516	R ₁ = 0.2494, wR ₂ = 0.3484	R ₁ = 0.1172, wR ₂ = 0.1898
Largest diff. peak and hole	0.623 and -0.284 eÅ ⁻³	0.677 and -0.666 eÅ ⁻³	0.399 and -0.326 eÅ ⁻³	0.466 and -0.364 eÅ ⁻³
R.M.S. deviation from mean	0.053 eÅ ⁻³	0.091 eÅ ⁻³	0.076 eÅ ⁻³	0.060 eÅ ⁻³

$$R_1 = \sum |F_{\text{O}}| - |F_{\text{C}}| / \sum |F_{\text{O}}|, \quad wR_2 = \{\sum [w(F_{\text{O}}^2 - F_{\text{C}}^2)^2] / \sum [w(F_{\text{O}}^2)^2]\}^{1/2}$$

Table S3. Essential crystal structure and refinement details of peptides 1-4.

Tables S4. Geometrical parameters of hydrogen bonds found in crystal structures **1-4**.

GFEDF (1)				
D-H···A	d(D-H) (Å)	d(H···A) (Å)	d(D···A) (Å)	∠(DHA) (°)
N_A:1-H0A_A:1...OXTX_B:5^a#1	0.91	2.04	2.793(11)	139.1
N_A:1-H0A_A:1...OXTY_B:5^b#1	0.91	2.16	3.05(2)	167.8
N_A:1-H0B_A:1...OX_A:5^a#2	0.91	2.19	2.955(10)	141.7
N_A:1-H0B_A:1...OXTX_A:5^a#2	0.91	2.17	3.031(18)	157.9
N_A:1-H0B_A:1...O_C:1^b#3	0.91	2.50	2.99(2)	114.5
N_A:1-H0C_A:1...OD2_A:4	0.91	2.03	2.894(8)	157.3
N_A:2-H0_A:2...O_A:2#4	0.88	2.35	2.972(7)	127.6
CB_A:2-HB2_A:2...O_A:2#4	0.99	2.50	3.222(8)	129.9
N_A:3-H0_A:3...O_A:2#4	0.88	2.22	3.085(8)	166.5
CBA_A:3^a-HBA2_A:3^a...OE1A_A:3^a#4	0.99	2.45	3.050(17)	118.7
CGA_A:3^a-HGA2_A:3^a...OE1A_A:3^a#4	0.99	2.07	2.718(17)	121.2
OE2A_A:3^a-HE2A_A:3^a...OE1A_B:3^a	0.84	2.15	2.853(19)	141.7
OE2B_A:3^b-HE2B_A:3^b...OE1B_A:3^b#4	0.84	2.27	2.883(18)	130.0
N_A:4-H0_A:4...O_A:3#5	0.88	2.01	2.866(7)	163.6
CB_A:4-HB2_A:4...OD1_A:4#2	0.99	2.51	3.195(9)	126.1
OD1_A:4-HD1_A:4...OX_A:5^a#3	0.84	1.71	2.531(8)	164.5
N_A:5-H0_A:5^a...O_A:4#4	0.88	2.10	2.860(8)	144.2
CB_A:5-HB1_A:5^a...O_A:4#4	0.99	2.54	3.303(9)	134.1
N_B:1-H0A_B:1...OXTX_A:5^a#6	0.91	2.00	2.777(12)	142.1
N_B:1-H0A_B:1...O_C:1^b#7	0.91	1.60	2.48(3)	159.9
N_B:1-H0B_B:1...OX_B:5^a#8	0.91	1.95	2.829(9)	161.9
N_B:1-H0C_B:1...OD2_B:4	0.91	2.33	3.024(9)	133.3
N_B:1-H0C_B:1...OX_B:5^a#9	0.91	2.35	3.055(8)	133.7
CA_B:1-HA2_B:1...OXTY_A:5^b#6	0.99	2.61	3.246(17)	121.8
CA_B:1-HA2_B:1...O_B:1#4	0.99	2.17	3.028(9)	144.5
N_B:2-H0_B:2...O_B:2#4	0.88	2.18	2.847(7)	132.5
CB_B:2-HB1_B:2...O_B:2#4	0.99	2.56	3.278(8)	129.7
N_B:3-H0_B:3...O_B:2#4	0.88	2.26	3.107(7)	162.4

OE2A_B:3^a-HE2A_B:3^a...OE2A_A:3^a#4	0.84	1.78	2.604(13)	167.8
CBB_B:3^b-HBB2_B:3^b...OE1B_B:3^b	0.99	1.54	2.27(3)	126.0
CGB_B:3^b-HGB2_B:3^b...OE1B_B:3^b#5	0.99	2.02	2.88(4)	144.6
OE2B_B:3^b-HE2B_B:3^b...OE1B_A:3^b#4	0.84	2.14	2.96(3)	164.0
N_B:4-H0_B:4...O_B:3#5	0.88	2.05	2.911(7)	167.0
CB_B:4-HB2_B:4...OD1_B:4#8	0.99	2.45	3.142(8)	126.8
OD1_B:4-HD1_B:4...OX_B:5^a#9	0.84	1.76	2.556(7)	158.8
N_B:5-H0_B:5^a...O_B:4#4	0.88	2.05	2.786(7)	141.1
CB_B:5-HB1_B:5^a...O_B:4#4	0.99	2.56	3.288(8)	130.5
CB_B:5-HB2_B:5^a...O_A:1#10	0.99	2.58	3.571(8)	176.9
Symmetry transformations used to generate equivalent atoms:				
#1 -x+1,y-1/2,-z; #2 -x+1,y+1/2,-z+1; #3 -x+1,y-1/2,-z+1; #4 x,y+1,z; #5 x,y-1,z;				
#6 -x+2,y+1/2,-z+1; #7 -x+2,y-1/2,-z+1; #8 -x+2,y+1/2,-z; #9 -x+2,y-1/2,-z; #10 -x+1,y+1/2,-z				

GFTEF (2)				
D-H···A	d(D-H) (Å)	d(H···A) (Å)	d(D···A) (Å)	⟨(DHA) (°)
N_B:1-H0A_B:1...O_C:2#2	0.91	2.02	2.854(6)	151.7
N_B:1-H0A_B:1...F3_C:2#2	0.91	2.50	3.170(7)	130.3
N_B:1-H0B_B:1...OXT_B:5#2	0.91	1.75	2.653(4)	171.2
N_B:1-H0C_B:1...O_A:5#3	0.91	1.94	2.770(4)	151.4
CA_B:1-HA2_B:1...F2_C:2#2	0.99	2.55	3.450(7)	150.5
CA_B:1-HA2_B:1...O_A:4#4	0.99	2.64	3.330(4)	126.6
N_B:2-H0_B:2...O_A:4#4	0.88	2.07	2.916(3)	161.2
CA_B:2-HA_B:2...O_A:3#3	1.00	2.43	3.314(4)	146.6
N_B:3-H0_B:3...O_A:3#3	0.88	2.05	2.890(3)	159.8
CA_B:3-HA_B:3...O_A:2#4	1.00	2.48	3.303(3)	139.5
OG1_B:3-HG1_B:3...OA_W:4^a	0.84	2.06	2.743(12)	137.6
OG1_B:3-HG1_B:3...OB_W:4^b	0.84	1.88	2.628(10)	148.2
N_B:4-H0_B:4...O_A:2#4	0.88	2.00	2.865(3)	165.6
OE2_B:4-HE2_B:4...OXT_C:2	0.84	1.91	2.706(6)	158.5

N_B:5-H0_B:5...O_A:1#3	0.88	2.06	2.923(3)	165.8
N_A:1-H0A_A:1...O_W:3#5	0.91	2.35	2.989(7)	127.3
N_A:1-H0A_A:1...O_W:5#5	0.91	2.06	2.889(9)	150.2
N_A:1-H0B_A:1...OXT_A:5#5	0.91	1.83	2.740(4)	175.8
N_A:1-H0C_A:1...O_B:5#6	0.91	2.12	2.919(4)	146.4
CA_A:1-HA2_A:1...O_B:4#7	0.99	2.63	3.136(4)	111.9
CA_A:1-HA2_A:1...OE1_B:4#7	0.99	2.50	3.458(7)	163.3
N_A:2-H0_A:2...O_B:4#7	0.88	2.21	3.031(3)	154.9
CA_A:2-HA_A:2...O_B:3#6	1.00	2.44	3.063(3)	119.9
CB_A:2-HB1_A:2...O_B:3#6	0.99	2.50	3.074(4)	116.4
CB_A:2-HB2_A:2...O_A:1	0.99	2.62	3.143(4)	113.4
N_A:3-H0_A:3...O_B:3#6	0.88	2.09	2.927(3)	159.4
CA_A:3-HA_A:3...O_B:2#7	1.00	2.43	3.281(4)	142.8
OG1_A:3-HG1_A:3...OG1_B:3#7	0.84	1.96	2.772(4)	163.6
N_A:4-H0_A:4...O_B:2#7	0.88	1.91	2.776(3)	169.0
CA_A:4-HA_A:4...O_B:1#6	1.00	2.49	3.346(4)	142.9
CG_A:4-HG1_A:4...F2_C:2#8	0.99	2.50	3.384(6)	149.2
CG_A:4-HG2_A:4...O_B:1#6	0.99	2.55	3.408(5)	144.6
OE2_A:4-HE2_A:4...O_W:1	0.84	1.73	2.521(5)	157.1
N_A:5-H0_A:5...O_B:1#6	0.88	2.12	2.987(4)	166.8
CA_A:5-HA_A:5...O_W:1#8	1.00	2.65	3.243(4)	117.9

Symmetry transformations used to generate equivalent atoms:

#1 x-1,y+1,z; #2 x,y-1,z+1; #3 x-1,y,z+1; #4 x,y,z+1; #5 x,y+1,z-1; #6 x+1,y,z-1; #7 x,y,z-1; #8 x,y-1,z

HFEEF (3)				
D-H···A	d(D-H) (Å)	d(H···A) (Å)	d(D···A) (Å)	<(DHA) (°)
N_A:1-H0A_A:1...OA_C:11^a	0.91	2.33	2.84(5)	115.5
N_A:1-H0A_A:1...OXTA_C:11^a	0.91	1.90	2.75(5)	156.1
N_A:1-H0A_A:1...OB_C:11^b	0.91	2.52	3.12(9)	123.3
N_A:1-H0A_A:1...OXTB_C:11^b	0.91	1.92	2.82(7)	171.6
N_A:1-H0B_A:1...OA_C:11^a#1	0.91	1.66	2.50(5)	151.5
N_A:1-H0B_A:1...OB_C:11^b#1	0.91	1.90	2.67(9)	141.0
N_A:1-H0C_A:1...OA_W:35^a	0.91	2.50	3.27(5)	142.8
N_A:1-H0C_A:1...OB_W:35^b	0.91	2.19	2.85(6)	128.9
N_A:1-H0C_A:1...OC_W:35^b	0.91	2.00	2.60(8)	122.0
CA_A:1-HA_A:1^a...O_A:5#2	1.00	2.61	3.43(3)	140.1
CBA_A:1^a-HB1_A:1^a...OE2A_A:3^a#3	0.99	2.45	3.29(3)	142.2
ND1A_A:1^a-HD1A_A:1^a...O_W:36	0.88	2.34	3.00(7)	131.3
CE1A_A:1^a-HE1A_A:1^a...OE2A_A:3^a	0.95	1.66	2.59(3)	162.7
NE2A_A:1^a-HE2A_A:1^a...OE1_A:4#2	0.88	2.33	3.19(3)	166.7
CD2A_A:1^a-HD2A_A:1^a...O_W:33#4	0.95	2.17	3.01(7)	146.3
ND1B_A:1^b-HD1B_A:1^b...O_W:33#4	0.88	1.60	2.42(7)	155.4
NE2B_A:1^b-HE2B_A:1^b...OE2B_A:3^b	0.88	2.28	3.09(5)	153.6
N_A:2-H0_A:2...O_A:5#2	0.88	1.97	2.83(3)	167.7
CA_A:2-HA_A:2...O_A:4#5	1.00	2.44	3.31(3)	145.7
N_A:3-H0_A:3^a...O_A:4#5	0.88	2.20	3.02(2)	155.2
CAA_A:3^a-HAA_A:3^a...O_A:3#2	1.00	2.37	3.170(15)	136.5
CBA_A:3^a-HBA2_A:3^a...O_A:2	0.99	2.54	3.10(3)	115.5
CGA_A:3^a-HGA1_A:3^a...OE2_A:4#5	0.99	2.63	3.20(4)	116.8
OE1A_A:3^a-HE1A_A:3^a...OXTA_C:11^a#3	0.84	1.83	2.65(6)	163.4
CAB_A:3^b-HAB_A:3^b...O_A:3#2	1.00	2.37	3.170(15)	136.5
OE1B_A:3^b-HE1B_A:3^b...OXTB_C:11^b#3	0.84	1.74	2.56(9)	164.6
N_A:4-H0_A:4...O_A:3#2	0.88	2.12	2.93(2)	153.9
CA_A:4-HA_A:4...O_A:2#5	1.00	2.39	3.10(3)	127.4
CB_A:4-HB1_A:4...O_A:2#5	0.99	2.63	3.23(3)	119.1

N_A:5-H0_A:5...O_A:2#5	0.88	2.15	2.99(2)	158.1
CA_A:5-HA_A:5...O_A:1#2	1.00	2.33	3.30(3)	163.3
CB_A:5-HB2_A:5...O_A:4	0.99	2.63	3.14(3)	112.2
OXT_A:5-HXT_A:5...F1B_C:11^b#6	0.84	2.53	2.96(9)	113.4
OXT_A:5-HXT_A:5...O_W:31	0.84	1.78	2.59(4)	161.2

Symmetry transformations used to generate equivalent atoms:

```
#1 -x+1,y,-z+2; #2 -x+3/2,y-1/2,-z+1; #3 -x+1,y,-z+1; #4 x,y-1,z; #5 -x+3/2,y+1/2,-z+1; #6 x+1/2,y+1/2,z-1
```

SFVEF (4)				
D-H···A	d(D-H) (Å)	d(H···A) (Å)	d(D···A) (Å)	∠(DHA) (°)
N_B:1-H0A_B:1...OG_A:1#1	0.91	2.03	2.900(4)	160.5
N_B:1-H0B_B:1...O_W:3#2	0.91	1.90	2.792(4)	167.2
N_B:1-H0C_B:1...OXT_B:5#3	0.91	1.88	2.752(4)	160.8
OG_B:1-HG_B:1...O_B:5#3	0.84	1.99	2.783(3)	156.0
N_B:2-H0_B:2...O_A:1	0.88	2.06	2.934(3)	170.1
CA_B:2-HA_B:2...O_A:2#1	1.00	2.38	3.288(4)	150.5
N_B:3-H0_B:3...O_A:2#1	0.88	2.13	2.981(3)	162.0
CA_B:3-HA_B:3...O_A:3	1.00	2.31	3.232(4)	152.5
N_B:4-H0_B:4...O_A:3	0.88	2.06	2.921(3)	165.0
CG_B:4-HG1_B:4...O_W:1	0.99	2.57	3.532(5)	164.8
OE2_B:4-HE2_B:4...OXT_B:5#4	0.84	1.73	2.564(4)	175.0
N_B:5-H0_B:5...O_A:4#1	0.88	1.95	2.805(3)	162.2
CB_B:5-HB1_B:5...O_A:4#1	0.99	2.60	3.339(4)	131.8
CB_B:5-HB1_B:5...OXT_A:5#1	0.99	2.61	3.326(4)	128.9
N_A:1-H0A_A:1...OG_B:1	0.91	2.02	2.899(4)	162.5
N_A:1-H0B_A:1...O_W:2	0.91	1.91	2.803(4)	165.4
N_A:1-H0C_A:1...OXT_A:5#5	0.91	1.85	2.737(4)	165.1
OG_A:1-HG_A:1...O_A:5#5	0.84	2.02	2.824(4)	158.8
N_A:2-H0_A:2...O_B:1#6	0.88	2.03	2.903(3)	169.7
CA_A:2-HA_A:2...O_B:2	1.00	2.45	3.347(4)	149.4

N_A:3-H0_A:3...O_B:2	0.88	2.10	2.966(3)	166.1
CA_A:3-HA_A:3...O_B:3#6	1.00	2.42	3.329(4)	151.0
N_A:4-H0_A:4...O_B:3#6	0.88	2.17	3.032(3)	167.2
CG_A:4-HG1_A:4...O_W:4#6	0.99	2.61	3.520(5)	153.2
OE2_A:4-HE2_A:4...OXT_A:5#4	0.84	1.73	2.547(4)	164.3
N_A:5-H0_A:5...O_B:4	0.88	1.92	2.792(3)	170.7
CB_A:5-HB2_A:5...OXT_B:5	0.99	2.65	3.456(4)	138.9
O_W:1-H1_W:1...O_B:5	0.88	2.168(18)	3.024(4)	164(5)
O_W:1-H2_W:1...O_A:5	0.88	2.06(2)	2.909(4)	163(5)
O_W:2-H1_W:2...OE1_B:4#2	0.88	1.824(14)	2.692(4)	171(5)
O_W:2-H2_W:2...O_W:4#2	0.88	2.13(2)	2.974(5)	163(5)
O_W:3-H1_W:3...OE1_A:4	0.88	1.802(15)	2.669(4)	172(6)
O_W:3-H2_W:3...O_W:1	0.88	2.11(3)	2.929(5)	155(5)
O_W:4-H1_W:4...O_B:5	0.88	2.04(3)	2.865(4)	158(6)
O_W:4-H2_W:4...O_A:5#1	0.88	2.351(19)	3.200(5)	164(5)

Symmetry transformations used to generate equivalent atoms:

```
#1 x-1,y,z; #2 -x+1,y+1/2,-z; #3 -x+1,y+1/2,-z+1; #4 x,y,z-1; #5 -x+2,y+1/2,-z+1; #6 x+1,y,z
```

Table S5. Aggregation propensity (AP) and solubility (ΔG) values of 8.000 peptides computed through CG-MD.

NAME	AP	ΔG															
KFEDF	1.60	-6.65	PFHEF	1.62	-0.46	TFRPF	1.62	1.22	CFTQF	1.73	2.42	HFFQF	1.63	4.25	LFTCF	1.93	4.44
KFEEF	1.59	-6.64	KFRMF	1.52	-0.52	CFVKF	1.71	1.1	HFPNF	1.77	2.32	VFTTF	1.83	3.38	YFPCF	2.03	4.01
DFDKF	1.59	-6.66	RFKYF	1.58	-0.48	SFGQF	1.76	1.04	HFRIF	1.66	2.62	LFSQF	1.81	3.44	QFIFF	1.73	5.48
KFDEF	1.55	-6.65	HFDPF	1.59	-0.47	HYKF	1.63	1.22	EFYWF	1.67	2.59	IFIRF	1.71	3.85	MFGIF	2.02	4.06
EFDKF	1.55	-6.65	KFAAF	1.77	-0.38	KFHVF	1.83	0.97	IFGGF	1.80	2.24	QFQWF	1.69	3.97	CFWTF	1.77	5.28
EFKDF	1.55	-6.65	KFNPF	1.79	-0.37	NFVRF	1.63	1.22	AFMNF	1.63	2.74	GFFHF	1.71	3.87	LFHYF	1.77	5.27
KFKEF	1.65	-5.81	CFTDF	1.62	-0.45	RFVNF	1.63	1.22	EFWMF	1.69	2.55	GFHFF	1.71	3.87	QFVFF	1.85	4.82
KFDDF	1.54	-6.66	DFHPF	1.59	-0.47	RFCSF	1.66	1.17	MFQQF	1.69	2.55	TFVCF	1.76	3.65	PFLPF	1.94	4.39
DFKEF	1.53	-6.65	KFMRF	1.51	-0.52	TFPRF	1.63	1.22	GFSVF	1.79	2.27	QFMYF	1.68	4.03	MFVVF	1.82	5.01
DFKDF	1.52	-6.66	NFKTF	1.57	-0.48	NFTGF	1.67	1.17	CFQHF	1.68	2.56	MFYNF	1.69	3.95	WFCTF	1.77	5.28
KFKDF	1.62	-5.82	FFKKF	1.58	-0.47	LFDCF	1.76	1.05	AFSPF	1.77	2.32	MFHAF	1.80	3.48	VFVCF	1.95	4.36
DFEKF	1.50	-6.65	MFRKF	1.50	-0.52	GFNHF	1.57	1.31	FFPKF	1.82	2.19	GFLCF	1.79	3.54	CFPMF	2.04	3.97
EFEKF	1.49	-6.64	TFKNF	1.56	-0.48	GFMRF	1.70	1.13	HFIRF	1.66	2.62	HFYCF	1.68	4.04	GFLLF	1.86	4.77
EFKEF	1.49	-6.64	EFPHF	1.58	-0.46	RFHTF	1.61	1.25	FFQRF	1.69	2.55	CFRWG	1.75	3.72	QFYWF	1.74	5.45
KFEKF	1.58	-5.81	EFCTF	1.61	-0.44	VFRNF	1.63	1.22	RFSLF	1.74	2.4	MFGMF	1.77	3.61	NFMWF	1.76	5.33
KFDKF	1.57	-5.82	DFTCF	1.59	-0.45	YFDMF	1.68	1.16	CFGTF	1.89	2.04	VFMGF	1.83	3.4	MFYCF	1.85	4.82
DFKKF	1.56	-5.82	HFHDF	1.61	-0.44	GFGPF	1.82	0.98	EFMWG	1.69	2.55	WFWDG	1.69	3.96	LFHVF	1.82	5.02
RFEEF	1.57	-5.65	YFRKF	1.54	-0.48	QFVRF	1.59	1.3	PFTQF	1.79	2.26	IFFKF	1.82	3.45	LFLQF	1.79	5.15
KFGDF	1.80	-4.17	RFYKF	1.54	-0.48	LFCEF	1.76	1.06	YFWDF	1.68	2.58	QFMVF	1.74	3.78	FFGYF	1.88	4.69
EFKKF	1.52	-5.81	DFCTF	1.59	-0.45	SFNNF	1.61	1.26	NFMQF	1.72	2.47	MFTA	1.85	3.34	VFCMF	1.91	4.57
KFDGF	1.79	-4.17	KFPNF	1.75	-0.37	CFRSF	1.67	1.17	AFHCF	1.61	2.83	HFVCF	1.73	3.79	SFCWF	1.81	5.07
RFDEF	1.53	-5.66	YFKRF	1.53	-0.48	MFHKF	1.67	1.18	WFVDF	1.77	2.33	YFPGF	2.00	2.84	NFLVF	1.97	4.28
KFRDF	1.63	-4.83	DFPHF	1.54	-0.47	YFTKF	1.74	1.08	EFFIF	1.67	2.62	HFPCF	1.89	3.19	AFVFF	1.81	5.09
KFEGF	1.76	-4.16	NFTKF	1.53	-0.48	SFDFF	1.78	1.03	GFHMF	1.61	2.83	KFWIF	1.72	3.83	GFWVF	1.86	4.82
EFRDF	1.50	-5.66	KFYRF	1.52	-0.48	RFMGF	1.70	1.13	QFQMF	1.69	2.55	QFTLF	1.77	3.65	LFVTF	1.85	4.88
RFEDF	1.50	-5.66	TFKQF	1.67	-0.4	RGFMF	1.71	1.13	PFQTF	1.80	2.26	HFLNF	1.75	3.71	AFYWF	1.71	5.72
KFDRF	1.63	-4.83	CFDPF	1.81	-0.34	YFRGF	1.68	1.17	QFQVF	1.77	2.34	HFFNF	1.65	4.17	FFNVF	1.87	4.74
RFDDF	1.50	-5.67	RFRTF	1.56	-0.45	HFTRF	1.62	1.25	AFYNF	1.62	2.78	VFAAF	1.99	2.88	IFAMF	1.88	4.71
KFGEF	1.74	-4.16	KFTQF	1.65	-0.4	MFGRF	1.71	1.13	RFHIF	1.67	2.62	AFWQF	1.64	4.24	YFYYF	1.73	5.55
DFDRF	1.48	-5.67	EFTCF	1.57	-0.44	GFTQF	1.63	1.25	GFMHF	1.61	2.83	FFHNF	1.66	4.17	MFALF	1.85	4.84
RFDKF	1.60	-4.83	RFGNF	1.65	-0.39	TFHRF	1.63	1.25	PFNPF	1.79	2.29	HFMHF	1.72	3.87	WFHVF	1.69	5.86
EFERF	1.48	-5.65	CFPDF	1.77	-0.34	MFDMF	1.72	1.12	NFGIF	1.70	2.54	NFLPF	1.76	3.68	YFLTF	1.80	5.13
DFRDF	1.48	-5.67	DFHHF	1.55	-0.44	RFYGF	1.68	1.17	VFGHF	1.67	2.62	TFLNF	1.79	3.57	VFAIF	1.92	4.5
DFRKF	1.59	-4.83	HFHEF	1.57	-0.43	HFMKF	1.67	1.18	HFLRF	1.63	2.75	NFICF	1.76	3.71	SFYIF	1.86	4.79
DFREF	1.46	-5.66	PFDCF	1.76	-0.34	KFYPF	1.67	1.19	PFFKF	1.83	2.19	CFQMF	1.85	3.34	WFRFF	1.75	5.41
RFKEF	1.58	-4.82	PFNKF	1.68	-0.37	CFDLF	1.78	1.05	EPIFF	1.67	2.62	AFNFF	1.74	3.78	GFIWF	1.74	5.48
KFREF	1.57	-4.82	RFTRF	1.52	-0.45	CFTRF	1.55	1.38	RFCMF	1.79	2.3	YFSTF	1.83	3.42	HFFMF	1.71	5.69
DFERF	1.44	-5.66	RFNGF	1.63	-0.39	RFPAF	1.85	0.97	TFWKF	1.73	2.46	MFSTF	1.84	3.38	CFFHF	1.82	5.04
DFKRF	1.56	-4.83	NFMDF	1.61	-0.4	LFECF	1.77	1.06	RFLTF	1.68	2.61	PFLGF	1.84	3.38	FFTGF	1.84	4.9
GFEKF	1.68	-4.16	FFRDF	1.80	-0.32	CFARF	1.71	1.13	QFGIF	1.68	2.62	YFNCF	1.86	3.3	YFMYF	1.74	5.51
RFEKF	1.56	-4.82	HFEHF	1.55	-0.43	CFSRF	1.69	1.17	TFRIF	1.72	2.48	PFTPF	1.99	2.89	SPPPF	1.92	4.53
GFKDF	1.68	-4.17	DFNMF	1.61	-0.4	NFGTF	1.69	1.17	AFPAF	1.80	2.28	YFMNF	1.70	3.95	TFLVF	1.85	4.88
EFDRF	1.43	-5.66	TFRRF	1.51	-0.45	QFRVF	1.60	1.3	NFPCF	1.73	2.45	QFWSF	1.64	4.28	FFGIF	1.81	5.1
KFDSF	1.82	-3.48	RFDF	1.79	-0.32	DFFHF	1.56	1.38	NFYAF	1.63	2.78	RFFFV	1.74	3.78	IFSVF	1.92	4.54
DFGKF	1.66	-4.17	NFDMF	1.60	-0.4	HFRTF	1.64	1.25	GFTMF	1.66	2.69	LFNAF	1.86	3.32	LFQLF	1.80	5.15
RFKDF	1.54	-4.83	PFCDT	1.73	-0.34	EFHFF	1.55	1.39	AFYGF	1.73	2.48	FFKLF	1.79	3.58	IFNLF	1.84	4.94

EFREF	1.42	-5.65	TFQKF	1.60	-0.4	YFYEF	1.66	1.21	RFLSF	1.76	2.4	LFQTF	1.77	3.65	TFYIF	1.83	5
GFDKF	1.65	-4.17	MFNDF	1.59	-0.4	GFQHF	1.55	1.39	VFQAF	1.68	2.61	YFTSF	1.83	3.42	IFISF	1.79	5.2
EFKGF	1.65	-4.16	KFASF	1.73	-0.34	NFQAF	1.61	1.3	LFLEF	1.80	2.29	NFFTF	1.69	4.03	TFPW	1.81	5.12
KFDNF	1.71	-3.87	NFPKF	1.65	-0.37	MFDYF	1.70	1.16	PFHNF	1.79	2.32	NFSFF	1.74	3.82	IFPTF	2.01	4.15
KFPDF	1.89	-3.16	HFDHF	1.51	-0.44	DFTFF	1.65	1.24	CFAQF	1.85	2.17	WFNGF	1.81	3.51	LFYAF	1.85	4.88
GFKEF	1.64	-4.16	QFTKF	1.58	-0.4	KFQLF	1.75	1.1	AFNYF	1.63	2.78	AFMCF	1.79	3.61	VFMMF	1.79	5.22
DFKGF	1.64	-4.17	NFRGF	1.60	-0.39	YFDYF	1.67	1.2	AFGYF	1.73	2.48	PFPCF	1.91	3.16	CFCLF	1.88	4.71
KFNEF	1.70	-3.86	RFFDF	1.77	-0.32	KFPVF	1.89	0.94	LFVKF	1.78	2.33	IFQTF	1.81	3.52	TFTWF	1.83	5.01
KFEAF	1.78	-3.51	CFPEF	1.74	-0.33	NFAQF	1.61	1.3	AFHPF	1.67	2.67	WFNNF	1.74	3.81	MFLAF	1.86	4.84
KFADF	1.77	-3.52	PFECF	1.74	-0.33	RFFRF	1.50	1.51	QFLGF	1.64	2.75	FFRVF	1.75	3.78	VFPYF	1.94	4.45
DFEDF	1.21	-7.49	MFNEF	1.60	-0.39	YFMDF	1.71	1.16	NFHCF	1.73	2.48	GFMVF	1.84	3.4	SFILF	1.77	5.33
KFDAF	1.76	-3.52	DFCPF	1.70	-0.34	EFWAF	1.57	1.38	SFQPF	1.90	2.05	GFAFF	1.82	3.48	WFCSF	1.82	5.07
KFERF	1.50	-4.82	CEPEF	1.73	-0.33	TFNGF	1.70	1.17	VFQSF	1.68	2.65	AFLTF	1.71	3.92	MFHLF	1.79	5.23
KFPEF	1.85	-3.15	FFDRF	1.75	-0.32	YFYDF	1.68	1.2	IFKVF	1.84	2.2	NFQWF	1.72	3.89	MFNLF	1.93	4.49
NFKDF	1.67	-3.87	SFKAF	1.70	-0.34	SFCRF	1.70	1.17	VFEWF	1.78	2.34	VFPTF	1.82	3.49	YFSLF	1.85	4.92
EEFEF	1.20	-7.47	QFKTF	1.56	-0.4	GFHNF	1.61	1.31	HFQPF	1.76	2.4	IFGTF	1.92	3.14	AFIIF	1.80	5.16
DFDEF	1.20	-7.49	EFHPF	1.45	-0.46	YFMEF	1.71	1.17	YFIKF	1.74	2.45	AFWNF	1.67	4.16	MFWQF	1.76	5.41
EFGKF	1.61	-4.16	KFSSF	1.79	-0.3	AFWEF	1.57	1.38	HFWKF	1.69	2.6	NFAFF	1.75	3.78	LFVAF	1.90	4.63
EFEDF	1.20	-7.48	NFMEF	1.57	-0.39	EFTFF	1.65	1.25	RFTLF	1.69	2.61	SFFQF	1.72	3.9	VFLAF	1.90	4.63
KFDQF	1.68	-3.79	RFFEF	1.75	-0.31	GPGF	1.87	0.98	VFWEF	1.79	2.34	NFIPF	1.80	3.55	WFWRF	1.70	5.79
KFDPF	1.83	-3.16	KFSAF	1.67	-0.34	FFEHF	1.57	1.39	MFWEF	1.71	2.55	SFTYF	1.84	3.42	PFLHF	1.95	4.42
EFKRF	1.48	-4.82	PFKNF	1.60	-0.37	GHQHF	1.57	1.39	NFINF	1.62	2.84	TFCPF	1.95	3.05	VFWQF	1.80	5.2
KFNDF	1.65	-3.87	GFRNF	1.55	-0.39	HFFEF	1.57	1.39	QFWRF	1.60	2.93	MFNVF	1.77	3.7	CFVMF	1.92	4.57
SFKDF	1.74	-3.48	AFSKF	1.66	-0.34	PKMF	1.73	1.15	AFGVF	1.83	2.23	YFHHF	1.72	3.91	MFNFF	1.84	4.95
SFKEF	1.74	-3.47	AFKAF	1.57	-0.38	MFEMF	1.74	1.13	SFSPF	1.78	2.36	SFHYF	1.80	3.56	WFHPF	1.79	5.26
EFNKF	1.65	-3.86	NFDYF	1.61	-0.36	NFNSF	1.65	1.26	CFKFF	1.78	2.35	MFPSF	1.82	3.49	TFWHF	1.81	5.15
KFENF	1.65	-3.86	DFPCF	1.66	-0.34	HFRPF	1.59	1.36	QFVSF	1.68	2.65	RFVFF	1.75	3.78	PFSFF	1.93	4.53
DFDDF	1.18	-7.5	NFYDF	1.61	-0.36	NFSNF	1.65	1.26	GPNIF	1.72	2.54	PFCHF	1.90	3.19	FFCAF	1.90	4.65
KFEQF	1.66	-3.78	EFHHF	1.47	-0.43	RFNVF	1.68	1.22	MFLKF	1.72	2.54	GFAWF	1.73	3.86	CFQWF	1.88	4.76
PFDKF	1.82	-3.16	HFNKF	1.65	-0.34	YFEYF	1.69	1.21	GFLGF	1.78	2.37	QFPIF	1.79	3.63	WFCAF	1.83	5.03
KFSDF	1.73	-3.48	NFEMF	1.54	-0.39	KFTMF	1.82	1.04	VFANF	1.72	2.53	MFTTF	1.80	3.59	QFFLF	1.73	5.61
KFESF	1.73	-3.47	MFDNF	1.52	-0.4	FFDTF	1.67	1.24	CFCGF	1.80	2.31	HFTMF	1.76	3.73	WFYQF	1.76	5.45
DFNKF	1.64	-3.87	YFNDF	1.60	-0.36	MFEYF	1.72	1.17	WFSKF	1.83	2.25	NFWAF	1.67	4.16	NFLFF	1.74	5.53
KFEPF	1.81	-3.15	PFCEF	1.67	-0.33	PFRTF	1.68	1.22	MFDWF	1.72	2.54	PFHCF	1.91	3.19	TFIVF	1.88	4.75
KFQEY	1.65	-3.78	NFGRF	1.54	-0.39	FFETF	1.67	1.25	VFNAF	1.72	2.53	AFYCF	1.78	3.65	CFHWF	1.76	5.42
EFDDF	1.17	-7.49	AFAKF	1.55	-0.38	YFEMF	1.72	1.17	FFKCF	1.79	2.35	CFIQF	1.75	3.79	KFWWF	1.87	4.8
KFETF	1.78	-3.26	DFRFF	1.69	-0.32	YFGRF	1.72	1.17	IFYKF	1.75	2.45	RFCWF	1.77	3.72	WFPSF	1.85	4.91
TFKDF	1.77	-3.27	YFDNF	1.59	-0.36	NFGHF	1.63	1.31	HFQCF	1.71	2.56	RFIIIF	1.74	3.85	SFFMF	1.78	5.34
EFRKF	1.46	-4.82	EFCPF	1.66	-0.33	PFGNF	1.65	1.28	NFIGF	1.72	2.54	NFFAF	1.75	3.78	CFAIF	2.04	4.06
NFKEF	1.62	-3.86	NFKHF	1.63	-0.34	TFRHF	1.67	1.25	PKWF	1.71	2.57	VFFRF	1.75	3.78	PFVYF	1.95	4.45
PFEKF	1.79	-3.15	RFEFF	1.71	-0.31	PFMKF	1.74	1.15	TRRLF	1.70	2.61	RFLIF	1.71	3.98	CFVVF	1.97	4.36
DFGDF	1.42	-5.01	NFYEF	1.60	-0.35	CFKVF	1.78	1.1	HFGPF	1.93	2.02	PFCTF	1.95	3.05	YFLGF	2.00	4.23
QFEKF	1.63	-3.78	RFGQF	1.70	-0.31	MFMEF	1.76	1.13	WFNRF	1.62	2.85	CFMNF	1.89	3.26	PFYMF	1.90	4.66
QFKDF	1.62	-3.79	AKFSF	1.62	-0.34	DFWSF	1.58	1.41	GFLNF	1.68	2.67	PFMSF	1.82	3.49	VFHLF	1.83	5.02
KFAEF	1.69	-3.51	FFREF	1.69	-0.31	QFANF	1.64	1.3	SFLRF	1.77	2.4	HFYTF	1.76	3.77	MFVPF	1.96	4.41
KFCDF	1.82	-3	EFNMF	1.51	-0.39	TFFEF	1.67	1.25	AFCHF	1.63	2.83	YFFRF	1.70	4.03	TFIYF	1.84	5
QFDKF	1.62	-3.79	NFKPF	1.55	-0.37	DFIVF	1.61	1.36	PFGTF	2.00	1.88	MFGVF	1.85	3.4	MFFGF	1.91	4.65
SFEKF	1.69	-3.47	KFQPF	1.75	-0.29	VFKCF	1.79	1.1	LFKVF	1.80	2.33	AFISF	1.80	3.58	HFLVF	1.83	5.02
QFKEF	1.62	-3.78	KFNHF	1.61	-0.34	MFYDF	1.74	1.16	KFTWF	1.75	2.46	WFRCF	1.77	3.72	YFCYF	1.86	4.86
NFDKF	1.60	-3.87	HFCEF	1.71	-0.3	RFTHF	1.68	1.25	VFGTF	1.74	2.48	YFPSF	1.82	3.53	HFMIF	1.82	5.1

KFDCF	1.82	-3	EFPCF	1.63	-0.33	KFFGF	1.73	1.18	RFWGF	1.72	2.55	GFCIF	1.85	3.41	MFYPF	1.90	4.66
KFQDF	1.62	-3.79	GFNRF	1.50	-0.39	PFKYF	1.72	1.19	KFVIF	1.85	2.2	HFVTF	1.82	3.52	FFGVF	1.95	4.44
PFKEF	1.77	-3.15	SFAKF	1.60	-0.34	QFAQF	1.60	1.38	NFQMF	1.75	2.47	VFPFF	1.80	3.6	LFNIF	1.85	4.94
KFECF	1.82	-2.99	FFERF	1.67	-0.31	GFQTF	1.68	1.25	LFHRF	1.66	2.75	RFYLF	1.81	3.57	YFNWF	1.78	5.37
KFDTF	1.73	-3.27	YFNEF	1.57	-0.35	YFKPF	1.72	1.19	PFRIF	1.71	2.59	SFFNF	1.75	3.82	GFIFF	1.82	5.1
PFKDF	1.76	-3.16	EFFRF	1.66	-0.31	HFRHF	1.59	1.39	WFYEF	1.71	2.59	YFQVF	1.75	3.82	CFICF	1.92	4.58
EFGEF	1.40	-4.99	PFQKF	1.72	-0.29	RFCAF	1.77	1.13	CFHQF	1.72	2.56	MFCSF	1.79	3.65	TFIMF	1.85	4.96
RFEFG	1.75	-3.17	MFENF	1.48	-0.39	EFIVF	1.61	1.37	GFVTF	1.74	2.48	VFHPF	1.79	3.63	VFFQF	1.88	4.82
EFKQF	1.61	-3.78	PFRRF	1.59	-0.34	QFSQF	1.58	1.42	YFEWF	1.71	2.59	VFNYF	1.77	3.74	MFWNF	1.78	5.33
KFHEF	1.77	-3.12	YFENF	1.56	-0.35	CFRTF	1.60	1.38	DFLFF	1.66	2.74	TFLAF	1.73	3.92	QFLLF	1.82	5.15
AFDKF	1.66	-3.52	KFPQF	1.71	-0.29	HFFDF	1.60	1.38	RFITF	1.75	2.48	TFTYF	1.79	3.63	WFPHF	1.80	5.26
KFSEF	1.67	-3.47	SFKSF	1.68	-0.3	NFTQF	1.51	1.55	TFLRF	1.70	2.61	WFQGF	1.80	3.59	YFWGF	1.83	5.07
CFEKF	1.80	-2.99	RFRPF	1.58	-0.34	NFMRF	1.57	1.43	GFYPF	1.63	2.84	MFACF	1.80	3.61	YFITF	1.84	5
EFDEF	1.14	-7.48	DFMNF	1.45	-0.4	TFQGF	1.68	1.25	TFNCF	1.80	2.34	VFWRF	1.68	4.16	PFVMF	1.96	4.41
EFSKF	1.67	-3.47	DFFRF	1.62	-0.32	PFYKF	1.73	1.19	PFRLF	1.67	2.72	LFHQF	1.76	3.79	PFAWF	1.87	4.87
DFKQF	1.59	-3.79	DFNYF	1.53	-0.36	NFHGF	1.65	1.31	DFFLF	1.66	2.74	VFYNF	1.77	3.74	VFYYF	1.79	5.3
KFDHF	1.75	-3.13	VFEAF	1.83	-0.25	AFIKF	1.69	1.24	VFRVF	1.73	2.53	SFTVF	1.92	3.17	MFSIF	1.89	4.75
CFDKF	1.78	-3	NFHKF	1.57	-0.34	CFLEF	1.83	1.06	CFQAF	1.87	2.17	MFMNF	1.73	3.91	YFCMF	1.88	4.82
DFEEF	1.13	-7.48	EFMNF	1.46	-0.39	TFDFF	1.69	1.24	HFTSF	1.71	2.6	IFWKF	1.75	3.83	MFPYF	1.91	4.66
TFDKF	1.70	-3.27	EFRFF	1.64	-0.31	EFWSF	1.58	1.42	CFRMF	1.81	2.3	HFHIF	1.65	4.32	CFWQF	1.89	4.76
DFKAF	1.64	-3.52	HFCDF	1.63	-0.31	QFQSF	1.58	1.42	WFGRF	1.72	2.55	WFGQF	1.81	3.59	IFHVF	1.87	4.89
DFDGF	1.37	-5.01	HFKNF	1.56	-0.34	PFTRF	1.71	1.22	IFFEF	1.70	2.62	GFVIF	1.74	3.85	WFACF	1.84	5.03
SFEDF	1.48	-4.31	CFHDF	1.63	-0.31	YFKHF	1.71	1.22	PFAHF	1.69	2.67	VFRLF	1.88	3.32	FFQYF	1.83	5.07
DFQKF	1.58	-3.79	CFDHF	1.63	-0.31	VFRQF	1.66	1.3	QFRWF	1.61	2.93	TFFGF	1.77	3.73	LFPPF	1.97	4.39
TFEKF	1.70	-3.26	KFHNF	1.55	-0.34	QFHGF	1.60	1.39	EFLFF	1.66	2.75	FFSQF	1.73	3.9	PFIIF	1.76	5.52
DFPDF	1.53	-4	NFEYF	1.53	-0.35	HFDFF	1.61	1.38	QFVAF	1.71	2.61	SFCMF	1.79	3.65	LFTVF	1.87	4.88
SFEEF	1.48	-4.3	QFDMF	1.60	-0.32	RFTPFF	1.71	1.22	IFHRF	1.70	2.62	CFSVF	1.85	3.44	WFSCF	1.83	5.07
DFKSF	1.64	-3.48	EFMQF	1.62	-0.31	FFDHF	1.61	1.38	AFTCF	1.68	2.69	TFFQF	1.69	4.11	FFPAF	1.95	4.49
GFDEF	1.37	-5	HFDCF	1.62	-0.31	DFHFF	1.61	1.38	WFKHF	1.71	2.6	TFHYF	1.76	3.77	VFIAT	1.95	4.5
KFVDF	1.91	-2.56	QFMEF	1.62	-0.31	HFPRF	1.62	1.36	PFGPF	1.96	1.99	FFLKf	1.81	3.58	PFSWF	1.86	4.91
KFEHF	1.73	-3.12	SFSKF	1.65	-0.3	MFPKF	1.77	1.15	SFSCF	1.74	2.52	DFWWF	1.72	3.96	YFVVF	1.84	5.05
KFKKF	1.37	-4.98	EFNYF	1.52	-0.35	KFMHF	1.74	1.18	AFFRF	1.64	2.82	VFYQF	1.75	3.82	YFWNF	1.78	5.37
RFDGF	1.71	-3.18	RFQGF	1.62	-0.31	HFHRF	1.61	1.39	RFIHF	1.71	2.62	KFLFF	1.81	3.58	AFLIF	1.80	5.29
CFKDF	1.76	-3	RFPRF	1.54	-0.34	EFFPF	1.63	1.36	KFCFF	1.80	2.35	WFKMF	1.86	3.38	LFTYF	1.83	5.13
RFDRF	1.55	-3.84	DFQMF	1.59	-0.32	FFTEF	1.70	1.25	GFIGF	1.85	2.24	TFMTF	1.81	3.59	LFYTF	1.83	5.13
SFDKF	1.63	-3.48	MFDQF	1.59	-0.32	HFNGF	1.66	1.31	HFVGF	1.71	2.62	MFVGF	1.86	3.4	IFTYF	1.85	5
EFAKF	1.62	-3.51	HFECF	1.63	-0.3	MFKPF	1.77	1.15	MFEWF	1.73	2.55	GFCLF	1.82	3.54	VFTLF	1.87	4.88
HFDKF	1.72	-3.13	QFMDF	1.58	-0.32	AFEWF	1.62	1.38	VFGAF	1.85	2.23	VFCHF	1.76	3.79	IFFGF	1.83	5.1
EFDGF	1.36	-5	VFDAF	1.75	-0.26	NFQSF	1.64	1.34	CFASF	1.76	2.48	AFCMF	1.81	3.61	TFYFF	1.75	5.59
KFTEF	1.68	-3.26	CFHEF	1.62	-0.3	IFSKF	1.68	1.28	GFYAF	1.76	2.48	QFYYF	1.70	4.07	PFHFF	1.87	4.88
QFEEF	1.41	-4.61	DFYNF	1.47	-0.36	DFSWF	1.60	1.41	QFAVF	1.71	2.61	VFSMF	1.70	4.09	GFWLF	1.75	5.61
RFGEF	1.70	-3.17	PKQKF	1.63	-0.29	KFCVF	1.81	1.1	APPTF	1.74	2.53	AFLHF	1.70	4.06	YFMPF	1.92	4.66
DFAKF	1.61	-3.52	MFQEF	1.57	-0.31	AFWDF	1.63	1.37	NFAVF	1.74	2.53	SFFGF	1.83	3.52	HFPFF	1.87	4.88
EFEFG	1.35	-4.99	IFDGF	1.75	-0.25	PFHRF	1.63	1.36	WFRNF	1.64	2.85	FFNAF	1.77	3.78	MFITF	1.86	4.96
DFSKF	1.62	-3.48	DFHCF	1.57	-0.31	TFNNF	1.57	1.47	HFHSF	1.67	2.74	SFVPF	1.90	3.28	WFVQF	1.82	5.2
EFQKF	1.55	-3.78	QFKPF	1.62	-0.29	YFKCF	1.64	1.35	HFSHF	1.67	2.74	GFPFF	1.75	3.84	VFSLF	1.92	4.67
TFKEF	1.67	-3.26	GFQRF	1.56	-0.31	HFGQF	1.62	1.39	QFYAF	1.64	2.86	WFDWF	1.73	3.96	FFCSF	1.91	4.69
DFGEF	1.35	-5	QFEMF	1.56	-0.31	HFGQF	1.62	1.39	QFYAF	1.64	2.86	WFDWF	1.73	3.96	CFTWF	1.80	5.28
EFGDF	1.35	-5	QFPKF	1.60	-0.29	QFRYF	1.53	1.55	RFVVF	1.74	2.53	TFNLF	1.82	3.57	SFWVF	1.77	5.51
DFKNF	1.53	-3.87	VFADF	1.69	-0.26	TFEFF	1.71	1.25	NFYSF	1.65	2.82	YFTTF	1.80	3.63	YFQFF	1.84	5.07

AFKEF	1.61	-3.51	GFIDF	1.72	-0.25	MFKHF	1.76	1.18	KFIMF	1.79	2.41	PFSVF	1.90	3.28	IFYTF	1.85	5
EFKSF	1.61	-3.47	QFGRF	1.55	-0.31	QFNSF	1.65	1.34	HFCQF	1.73	2.56	AFIHF	1.73	3.93	HFIYF	1.83	5.14
KFTDF	1.66	-3.27	MFQDF	1.52	-0.32	MFRNF	1.60	1.43	TFNPF	1.88	2.18	TFHMF	1.78	3.73	YFSFF	1.79	5.38
EFKNF	1.53	-3.86	IFEGF	1.75	-0.24	FFGKF	1.76	1.18	HFHHF	1.58	3.09	CFQIF	1.77	3.79	CFCFF	1.82	5.17
KFHDF	1.70	-3.13	YFQDF	1.62	-0.28	EFSWF	1.60	1.42	LFGGF	1.80	2.37	GFMYF	1.80	3.65	IFVTF	1.90	4.75
GFEDF	1.34	-5	DFCHF	1.54	-0.31	KFHMF	1.76	1.18	NFGLF	1.70	2.67	MFSPF	1.84	3.49	LFNLF	1.84	5.07
TFDEF	1.48	-4.1	IFGDF	1.71	-0.25	DFVIF	1.64	1.36	AFCSF	1.76	2.48	LFKFF	1.82	3.58	GFWIF	1.77	5.48
RFERF	1.53	-3.83	CFEHF	1.56	-0.3	IFKSF	1.69	1.28	VFGSF	1.84	2.27	NFLTF	1.82	3.57	HFLYF	1.81	5.27
AFEKF	1.60	-3.51	KFHQF	1.67	-0.26	GFCGF	1.79	1.14	KFPWF	1.73	2.57	QFIVF	1.67	4.23	IFGLF	1.93	4.64
DFTKF	1.65	-3.27	EFQYF	1.64	-0.27	FFTDF	1.72	1.24	SFTHF	1.72	2.6	IFCGF	1.86	3.41	FFMGF	1.92	4.65
NFEFF	1.38	-4.69	QFRGF	1.53	-0.31	FFHEF	1.62	1.39	CFGPF	1.89	2.15	QFWTF	1.63	4.49	PFAFF	1.96	4.49
CFKEF	1.73	-2.99	EFYNF	1.44	-0.35	EFAWF	1.63	1.38	QFPPF	1.80	2.37	SFAIF	1.82	3.58	FFYTF	1.76	5.59
EFKAF	1.59	-3.51	VFAEF	1.70	-0.25	FFKGF	1.76	1.18	AFQYF	1.64	2.86	QFVMF	1.77	3.78	MFCYF	1.89	4.82
HFEKF	1.69	-3.12	DFMQF	1.50	-0.32	FFHDF	1.63	1.38	IFRPF	1.73	2.59	MFTHF	1.78	3.73	NFWIF	1.73	5.78
AFKDF	1.59	-3.52	QFEYF	1.63	-0.27	SFQNF	1.66	1.34	PPPGF	1.97	1.99	NFYYF	1.73	3.99	MFCIF	1.82	5.23
KFDVF	1.86	-2.56	RFRHF	1.52	-0.31	RFRFF	1.56	1.51	TFGYF	1.68	2.73	VFACF	1.87	3.4	YFYVF	1.80	5.3
RFRDF	1.52	-3.84	EFCHF	1.54	-0.3	KFVCF	1.83	1.1	QFGLF	1.68	2.75	GFWAF	1.76	3.86	MFSLF	1.88	4.88
DFKPF	1.68	-3.16	AFDVF	1.65	-0.26	RFACF	1.81	1.13	TFATF	1.79	2.42	VFGVF	1.93	3.19	MFIAT	1.91	4.71
RFREF	1.52	-3.83	YFEQF	1.61	-0.27	AGFSF	1.68	1.31	FFLDF	1.68	2.74	HFIGF	1.91	3.28	YFPMF	1.92	4.66
PFEDF	1.49	-3.99	GFRQF	1.50	-0.31	QFQAF	1.64	1.38	GFLQF	1.68	2.75	NFPLF	1.80	3.68	IFIHF	1.76	5.55
RFGDF	1.67	-3.18	EFQMF	1.50	-0.31	YFNRF	1.59	1.47	YFLKF	1.74	2.58	VFAPF	1.92	3.24	IFMTF	1.87	4.96
GFEEF	1.33	-4.99	YFDQF	1.57	-0.28	NFRYF	1.59	1.47	QFVTF	1.65	2.86	SFCIF	1.71	4.1	PFMVF	1.98	4.41
SFDEF	1.43	-4.31	AVVDF	1.63	-0.26	EFPFF	1.65	1.36	GFAYF	1.77	2.48	CFCPF	1.90	3.32	YFSIF	1.90	4.79
NFEKF	1.51	-3.86	MFEQF	1.50	-0.31	NFNTF	1.59	1.47	KFWPF	1.74	2.57	HFWGF	1.68	4.25	WFATF	1.90	4.76
EFKHF	1.68	-3.12	DFAVF	1.63	-0.26	RFPTF	1.75	1.22	RFGWF	1.75	2.55	QFVIF	1.68	4.23	IFFNF	1.79	5.4
QFDEF	1.38	-4.62	EFHCF	1.52	-0.3	IFKAF	1.73	1.24	AFMGF	1.79	2.44	SFPYF	1.84	3.53	CFAFF	1.93	4.65
NFEDF	1.37	-4.7	QFDYF	1.57	-0.28	QFGHF	1.64	1.39	WFEYF	1.73	2.59	HFIAT	1.74	3.93	IFINF	1.90	4.81
GFDDF	1.32	-5.01	GFEIF	1.69	-0.24	NFKFF	1.59	1.48	SFHTF	1.73	2.6	NFVLF	1.67	4.28	MFISF	1.91	4.75
DFDAF	1.42	-4.36	HFRRF	1.49	-0.31	SFIKF	1.71	1.28	FFCKF	1.82	2.35	VFNLF	1.67	4.28	IFQIF	1.88	4.89
CFEDF	1.51	-3.83	KFQHF	1.62	-0.26	TFGQF	1.73	1.25	WFKTF	1.78	2.46	TFITF	1.72	4.04	MFHMF	1.93	4.65
KFCEF	1.70	-2.99	DFQYF	1.56	-0.28	QFGPF	1.66	1.36	GFIQF	1.72	2.62	NFWSF	1.69	4.2	IFYHF	1.84	5.14
SFDDF	1.41	-4.32	YFQEY	1.59	-0.27	AFDWF	1.65	1.37	HFNCF	1.77	2.48	MFMGF	1.82	3.61	YFIHF	1.84	5.14
DEFGF	1.31	-5	DFGIF	1.65	-0.25	TFCRF	1.65	1.38	RFPIF	1.73	2.59	FFTGF	1.79	3.73	HFIIF	1.77	5.55
TFDDF	1.45	-4.11	QFYEF	1.59	-0.27	KFMPF	1.81	1.15	SFCSF	1.76	2.52	PFNIF	1.84	3.55	HFWVF	1.72	5.86
QFDDF	1.36	-4.63	AEVF	1.64	-0.25	IFAKF	1.74	1.24	IFNNF	1.66	2.84	LFSGF	1.98	3.06	MFSFF	1.80	5.34
PFEEF	1.47	-3.98	EFIGF	1.67	-0.24	KFSIF	1.72	1.28	TFHSF	1.73	2.6	PFIQF	1.82	3.63	TFVFF	1.80	5.34
EFCDF	1.49	-3.83	RFHRF	1.47	-0.31	DFFPF	1.67	1.35	WFRGF	1.75	2.55	MFHPF	1.77	3.84	MFVCF	1.95	4.57
DFEPF	1.46	-3.99	DFVAF	1.60	-0.26	QFSNF	1.68	1.34	MFHNF	1.58	3.13	LFHTF	1.67	4.31	WFCHF	1.79	5.42
DFCKF	1.68	-3	HFQKF	1.60	-0.26	RFHPF	1.67	1.36	LELF	1.85	2.29	NFPFF	1.70	4.14	CFFTF	1.88	4.9
EFDPF	1.46	-3.99	GFDIF	1.63	-0.25	AFQQF	1.65	1.38	MFNAF	1.69	2.74	PFVAF	1.92	3.24	YFHIF	1.81	5.27
PFDDF	1.46	-4	VFSDF	1.73	-0.22	QFYRF	1.56	1.55	NFVSF	1.74	2.57	MFCHF	1.73	4	SFCLF	2.03	4.23
DFGRF	1.64	-3.18	GFIEF	1.66	-0.24	SFWDF	1.64	1.41	RFWNF	1.66	2.85	HFSLF	1.71	4.1	QFWLF	1.70	5.99
QFEDF	1.35	-4.62	AFVEF	1.62	-0.25	GFSSF	1.67	1.35	PFSSF	1.82	2.36	AFFAF	1.71	4.13	YFFSF	1.80	5.38
DFCDF	1.48	-3.84	EFGIF	1.65	-0.24	NFSQF	1.68	1.34	HFYGF	1.65	2.87	IFRIF	1.77	3.85	FFACF	1.93	4.65
DFKCF	1.68	-3	SFVDF	1.71	-0.22	KFISF	1.72	1.28	RFFSF	1.65	2.86	NFVYF	1.79	3.74	YFYCF	1.89	4.86
EFEFP	1.46	-3.98	VFSEF	1.75	-0.21	GFAAF	1.73	1.27	PFASF	1.84	2.32	AFIPF	1.76	3.9	LFYCF	1.79	5.4
DFAEF	1.39	-4.35	VFDSF	1.70	-0.22	EFVIF	1.66	1.37	FFIDF	1.73	2.61	HFNLF	1.80	3.71	FFQIF	1.78	5.48
EFTKF	1.61	-3.26	DFYQF	1.50	-0.28	SFNQF	1.68	1.34	RFHLF	1.69	2.75	AFHIF	1.75	3.93	YFQWF	1.79	5.45
GFDRF	1.63	-3.18	QFYDF	1.50	-0.28	GFPNF	1.72	1.28	HFTHF	1.63	2.95	TFTMF	1.83	3.59	YFLQF	1.94	4.61
EFESF	1.40	-4.3	IFGEF	1.62	-0.24	SFGSF	1.68	1.35	GFSYF	1.76	2.52	YFNPF	1.96	3.14	TFCFF	1.88	4.9

DFDCF	1.48	-3.84	QFKHF	1.56	-0.26	RFTCF	1.66	1.38	SFFRF	1.66	2.86	VFSPP	1.92	3.28	SFIMF	1.91	4.75
NFDEF	1.33	-4.7	HFKQF	1.55	-0.26	RFVQF	1.71	1.3	HFPQF	1.81	2.4	IFQCF	1.78	3.79	IFLNF	1.88	4.94
DFPKF	1.63	-3.16	DFIGF	1.58	-0.25	DFAWF	1.67	1.37	LFKYF	1.74	2.58	GFWHF	1.68	4.25	LFPTF	2.02	4.28
VFDEF	1.57	-3.39	QFHKF	1.55	-0.26	NFGPF	1.73	1.28	TFYGF	1.70	2.73	IFSTF	1.77	3.83	LFYPF	1.82	5.24
DFDSF	1.39	-4.32	EFAVF	1.58	-0.25	HFKMF	1.80	1.18	HFHPF	1.60	3.06	CFVSF	1.87	3.44	CFWAF	1.86	5.03
EFSDF	1.39	-4.31	KFNCF	1.72	-0.21	KFPMF	1.82	1.15	IFDFF	1.74	2.61	YFGVF	1.87	3.44	MFYVF	1.82	5.26
DFHKF	1.63	-3.13	EFVAF	1.57	-0.25	AFGHF	1.52	1.66	YFGAF	1.78	2.48	HFGFF	1.77	3.87	LFIGF	1.94	4.64
NFDDF	1.32	-4.71	DFVSF	1.68	-0.22	AFGAF	1.74	1.27	SFMNF	1.68	2.78	WFGSF	1.76	3.9	MFPVF	1.99	4.41
EFDCF	1.47	-3.83	SFDVF	1.67	-0.22	QFRMF	1.59	1.51	QFCCF	1.71	2.69	CFNLF	1.77	3.84	MFHIF	1.85	5.1
GFRDF	1.61	-3.18	SFEVF	1.70	-0.21	SFWEF	1.64	1.42	IFKMF	1.81	2.41	NFLCF	1.77	3.84	VFTIF	1.92	4.75
CFDEF	1.47	-3.83	KFCNF	1.69	-0.21	RFMNF	1.64	1.43	WFDVF	1.84	2.33	HFWNF	1.63	4.55	MFLTF	1.85	5.09
EFKPF	1.62	-3.15	SFVEF	1.67	-0.21	PFFDF	1.69	1.35	WFMEF	1.76	2.55	CFYTF	1.76	3.9	FFYAF	1.81	5.34
HFDDF	1.44	-3.97	EFYQF	1.47	-0.27	YFRNF	1.62	1.47	QFCPF	1.76	2.53	TFVPF	1.86	3.49	YFVCF	1.95	4.61
DFSEF	1.38	-4.31	NFKCF	1.65	-0.21	GFNPF	1.73	1.28	QFIQF	1.62	3	CFVHF	1.79	3.79	WFQYF	1.79	5.45
EFCKF	1.66	-2.99	CFNKF	1.64	-0.21	GFNCF	1.63	1.44	DFWMF	1.76	2.54	LFIRF	1.74	3.98	WFYGF	1.86	5.07
PFDEF	1.43	-3.99	DFSVF	1.60	-0.22	DFPFF	1.69	1.35	GFMAF	1.80	2.44	NFCFF	1.68	4.3	WFSPF	1.89	4.91
RFEAF	1.80	-2.52	EFSVF	1.64	-0.21	EFFCF	1.59	1.52	YFKLF	1.75	2.58	NFWTF	1.66	4.41	VFITF	1.92	4.75
KFRKF	1.43	-3.99	VFESF	1.63	-0.21	TFRCF	1.67	1.38	VFNSF	1.75	2.57	AFHLF	1.73	4.06	WFHCF	1.80	5.42
RFQE	1.71	-2.79	CFDCF	1.75	-0.18	DFWAF	1.68	1.37	KFHWF	1.74	2.6	VFAVF	1.78	3.84	WFVNF	1.85	5.12
AFEDF	1.37	-4.35	NFCKF	1.61	-0.21	NFFKF	1.62	1.48	HFSCF	1.66	2.87	IFTGF	1.96	3.14	YFISF	1.91	4.79
EDTDF	1.41	-4.1	EFVSF	1.60	-0.21	PFRHF	1.69	1.36	LFNNF	1.63	2.97	MFWRF	1.66	4.37	LFHMF	1.83	5.23
HFKDF	1.62	-3.13	CFCEF	1.77	-0.17	NFTNF	1.62	1.47	TFQCF	1.81	2.42	WFGGF	1.94	3.21	LFMTF	1.85	5.09
DFTEF	1.41	-4.1	CFKNF	1.59	-0.21	KFCYF	1.69	1.35	HFFRF	1.57	3.21	NFMYF	1.75	3.95	IFPPF	2.03	4.26
DFSDF	1.37	-4.32	CFECF	1.75	-0.17	WFESF	1.65	1.42	PFCGF	1.92	2.15	YFYQF	1.73	4.07	YFFHF	1.75	5.73
DFESF	1.38	-4.31	CFCDF	1.69	-0.18	SFQQF	1.65	1.42	NFLNF	1.63	2.97	SFNFF	1.78	3.82	RFWWF	1.74	5.79
TFEEF	1.41	-4.09	DFCCF	1.64	-0.18	LFKSF	1.66	1.41	AFCAF	1.80	2.44	IFQAF	1.93	3.27	HFWPF	1.83	5.26
EFRGF	1.60	-3.17	EFCCF	1.62	-0.17	KFYHF	1.79	1.22	MFANF	1.70	2.74	AFSLF	1.81	3.71	WFNCF	1.94	4.68
AFEEF	1.37	-4.34	RFCRF	1.51	-0.18	IFVDF	1.69	1.36	RFNWF	1.67	2.85	PFHVF	1.83	3.63	WFPTF	1.85	5.12
KFVEF	1.78	-2.55	CFRRF	1.50	-0.18	QFTNF	1.58	1.55	TFHAF	1.76	2.56	VFCAF	1.89	3.4	FFPPF	1.90	4.85
EFSEF	1.37	-4.3	RFRCF	1.47	-0.18	GFASF	1.72	1.31	TFTTF	1.72	2.67	WFIKF	1.78	3.83	SFMLF	1.90	4.88
DFKHF	1.61	-3.13	KFATF	1.73	-0.13	NFYRF	1.63	1.47	GFYTF	1.71	2.73	SFSIF	1.83	3.62	YFLAF	1.90	4.88
RFNEF	1.68	-2.87	KFQCF	1.72	-0.13	EFVLF	1.61	1.5	GFTVF	1.79	2.48	FFKIF	1.88	3.45	PFYYF	1.93	4.7
RFQDF	1.70	-2.8	KFCQF	1.70	-0.13	WFDAF	1.69	1.37	NFNIF	1.67	2.84	VFTVF	1.72	4.09	VFPLF	1.88	4.99
EFKTF	1.57	-3.26	TFAKF	1.70	-0.13	AFLKF	1.69	1.37	MFNSF	1.69	2.78	YFSCF	1.81	3.69	LFMHF	1.83	5.23
EFGRF	1.59	-3.17	CFQKF	1.70	-0.13	LFAKF	1.69	1.37	NFTVF	1.69	2.78	HFPVF	1.83	3.63	PFYIF	1.86	5.11
EFPDF	1.42	-3.99	KFTAF	1.69	-0.13	CFYKF	1.70	1.35	SFAPF	1.85	2.32	HFVPF	1.83	3.63	MFCMF	1.92	4.78
DFKTF	1.57	-3.27	TFKAF	1.68	-0.13	PFPRF	1.72	1.33	RFLAF	1.84	2.36	TFLQF	1.82	3.65	NFWLF	1.73	5.91
DFRGF	1.59	-3.18	QFKCF	1.68	-0.13	HFEFF	1.68	1.39	NFCCF	1.75	2.61	YFTHF	1.80	3.77	YFGWF	1.86	5.07
DFDTF	1.40	-4.11	CFKQF	1.67	-0.13	IFVEF	1.69	1.37	QFNMF	1.79	2.47	AFIAF	1.85	3.54	MFFPMF	1.95	4.62
EFRRF	1.45	-3.83	LFDGF	1.71	-0.12	RFQVF	1.74	1.3	LFGNF	1.73	2.67	KFWLF	1.75	3.96	PFLCF	1.97	4.55
EFPKF	1.59	-3.15	AFTKF	1.63	-0.13	KFYCF	1.71	1.35	MFVRF	1.70	2.74	FFAGF	1.87	3.48	FFFGF	1.76	5.69
HFEEF	1.42	-3.95	QFCKF	1.63	-0.13	AFAGF	1.76	1.27	GFHYF	1.67	2.87	IFCQF	1.79	3.79	MFTLF	1.86	5.09
DFDPF	1.41	-4	GFDLF	1.69	-0.12	KFGFF	1.83	1.18	PFPNF	1.86	2.29	MFRFF	1.75	3.99	HFMLF	1.84	5.23
CFDDF	1.44	-3.84	EFLGF	1.75	-0.11	RFPHF	1.70	1.36	MFGHF	1.68	2.83	PFYAF	1.87	3.49	TFPFF	1.93	4.74
DFCEF	1.44	-3.83	LFGDF	1.66	-0.12	WFAEF	1.69	1.38	PFSHF	1.71	2.71	HFCMF	1.74	4	AFWVF	1.80	5.47
DFNDF	1.30	-4.71	DFGLF	1.65	-0.12	KFFNF	1.63	1.48	AFACF	1.81	2.44	QFFT	1.72	4.11	SFMFF	1.82	5.34
HFKEF	1.60	-3.12	DFLG	1.63	-0.12	MFNRF	1.66	1.43	RFFAF	1.68	2.82	TFYCF	1.77	3.9	PFPLF	2.00	4.39
EFHKF	1.60	-3.12	GFLDF	1.63	-0.12	TFDF	1.78	1.24	HFATF	1.77	2.56	SFSLF	1.80	3.75	SFVWF	1.79	5.51
GFERF	1.58	-3.17	AFKTF	1.55	-0.13	HFQGF	1.69	1.39	MFSGF	1.79	2.48	MFFRF	1.75	3.99	WFTSF	1.92	4.8
EFECF	1.44	-3.82	LFEFG	1.67	-0.11	AFSGF	1.74	1.31	RFMVF	1.71	2.74	FFNHF	1.71	4.17	NFFLF	1.79	5.53

EFTEF	1.39	-4.09	GFELF	1.65	-0.11	WFSDF	1.67	1.41	IFNGF	1.77	2.54	SFNWF	1.70	4.2	SFLLF	1.80	5.46
EFDAF	1.35	-4.35	LGGEF	1.63	-0.11	GFSAF	1.74	1.31	TFTHF	1.69	2.81	QFAFF	1.78	3.86	MFIPF	1.87	5.07
VFEKF	1.76	-2.55	GFLEF	1.62	-0.11	GFCNF	1.66	1.44	TFGVF	1.80	2.48	GFSWF	1.77	3.9	CFPFF	1.88	5.01
GFREF	1.58	-3.17	KFSTF	1.76	-0.09	WFKGF	1.59	1.56	QFLNF	1.62	3.05	NFMLF	1.65	4.49	PFFCF	1.88	5.01
EFDQF	1.31	-4.62	EGGLF	1.58	-0.11	NFRMF	1.66	1.43	FFSRF	1.67	2.86	YFCSF	1.82	3.69	SFFVF	1.86	5.13
EFKCF	1.62	-2.99	KFTSF	1.73	-0.09	AFGTF	1.61	1.52	IFPRF	1.76	2.59	KFLWF	1.76	3.96	PFFPF	1.91	4.85
VFDKF	1.75	-2.56	KFKWF	1.66	-0.09	KFAIF	1.79	1.24	NFVAF	1.78	2.53	TFMAF	1.91	3.34	CFMMF	1.92	4.78
VFKDF	1.75	-2.56	TFSKF	1.65	-0.09	EFWTF	1.56	1.63	AFWRF	1.58	3.2	LFQHF	1.79	3.79	WFYAF	1.76	5.72
HFEDF	1.41	-3.96	SFTKF	1.61	-0.09	AFKLF	1.70	1.37	DFWLW	1.60	3.12	LFHSF	1.73	4.1	CFFAF	1.95	4.65
DFRRF	1.43	-3.84	TFKSF	1.60	-0.09	MFKCF	1.74	1.31	QFNIF	1.66	2.92	YFAPF	1.87	3.49	VFQLF	2.01	4.36
KFGKF	1.54	-3.33	WFKKF	1.60	-0.09	PFNGF	1.76	1.28	CFPGF	1.93	2.15	FFVRF	1.80	3.78	VFCIF	1.88	5.02
EFDSF	1.35	-4.31	KFWKF	1.59	-0.09	DFWTF	1.57	1.62	FFRSF	1.67	2.86	AFNWF	1.71	4.16	PFWSF	1.90	4.91
RFSDF	1.78	-2.49	SFKTF	1.59	-0.09	NFHNF	1.57	1.61	WFKPF	1.77	2.57	YFNMF	1.76	3.95	VFCYF	1.96	4.61
DFQDF	1.30	-4.63	KFVGF	1.79	-0.07	QFKFF	1.60	1.56	YFRVF	1.70	2.78	QFPFF	1.70	4.22	FFPTF	1.93	4.74
EFPEF	1.40	-3.98	VFGKF	1.76	-0.07	RFNYF	1.65	1.47	HFSTF	1.76	2.6	VFTCF	1.83	3.65	PFTWF	1.86	5.12
CFEEF	1.43	-3.82	KFGVF	1.76	-0.07	KFHYF	1.81	1.22	RFCIF	1.71	2.75	GFLVF	1.75	3.98	TFWPF	1.86	5.12
TFEDF	1.38	-4.1	RFNNF	1.52	-0.09	HFCRF	1.62	1.52	YFCRF	1.85	2.34	MFCNF	1.94	3.26	SFVLF	1.95	4.67
MFKDF	1.82	-2.35	VFKGF	1.69	-0.07	EFTWF	1.57	1.63	MFIKF	1.83	2.41	FFKFF	1.74	4.04	FFHMF	1.77	5.69
HFDEF	1.41	-3.96	NFNRF	1.49	-0.09	AFANF	1.60	1.57	SFGYF	1.79	2.52	SFCYF	1.82	3.69	VFMVF	1.88	5.01
DFPEF	1.40	-3.99	NFRNF	1.45	-0.09	MFQRF	1.63	1.51	YFQHF	1.57	3.25	IFCNF	1.82	3.71	YFTLF	1.86	5.13
RFPDF	1.90	-2.17	RFIKF	1.63	-0.07	CFMKF	1.75	1.31	CFQCF	1.73	2.69	MFGYF	1.83	3.65	LFPCF	1.98	4.55
KFYDF	1.84	-2.31	GFVKF	1.63	-0.07	WFDSF	1.69	1.41	QFSMF	1.68	2.86	HFNFF	1.71	4.17	WFTAF	1.93	4.76
DFETF	1.38	-4.1	KFRIF	1.59	-0.07	PFNNF	1.59	1.58	SFHHF	1.71	2.74	NFHFF	1.71	4.17	VFNWF	1.86	5.12
NFRDF	1.64	-2.88	GFKVF	1.58	-0.07	IFDVF	1.72	1.36	AFCTF	1.73	2.69	KFFLF	1.85	3.58	AFWYF	1.76	5.72
KFKGF	1.53	-3.33	RFKIF	1.57	-0.07	MFRQF	1.63	1.51	NFSVF	1.77	2.57	FFSNF	1.79	3.82	LFSYF	1.90	4.92
EFENF	1.29	-4.69	KFIRF	1.56	-0.07	WFEAF	1.71	1.38	RFWQF	1.66	2.93	VFMNF	1.82	3.7	CFIVF	1.88	5.02
RFDAF	1.75	-2.53	IFRKF	1.54	-0.07	DFFCF	1.63	1.51	PFHTF	1.66	2.92	MFYGF	1.83	3.65	WFMQF	1.81	5.41
EFEAF	1.33	-4.34	IFKRF	1.53	-0.07	PFRPF	1.74	1.33	SFQVF	1.74	2.65	IFHHF	1.69	4.32	HFCWF	1.81	5.42
AFDDF	1.33	-4.36	MFDAF	1.73	-0.05	RFPFF	1.74	1.33	LFEFF	1.71	2.75	QFYVF	1.79	3.82	PFPIF	2.04	4.26
RFENF	1.64	-2.87	MFADF	1.71	-0.05	QFCGF	1.63	1.52	CFRLF	1.67	2.88	FFYRF	1.75	4.03	AFVWF	1.80	5.47
DFEQF	1.29	-4.62	AFDMF	1.64	-0.05	RFGYF	1.86	1.17	WFDMF	1.78	2.54	RFFYF	1.75	4.03	MFFSF	1.83	5.34
KFKRF	1.39	-3.99	AFMDF	1.61	-0.05	QFPGF	1.72	1.36	IFFDF	1.76	2.61	WFKIF	1.79	3.83	LFLNF	1.87	5.07
DFNEF	1.28	-4.7	DFAMF	1.60	-0.05	QFNTF	1.62	1.55	QFHVF	1.64	3	LFQAF	1.90	3.4	FFISF	1.75	5.79
EFNDF	1.28	-4.7	DFMAF	1.59	-0.05	QFQHF	1.51	1.77	MFKLF	1.78	2.54	HFAIF	1.77	3.93	HFFVF	1.80	5.48
AFDEF	1.33	-4.35	RFGAF	1.77	-0.04	WFSEF	1.69	1.42	NFAYF	1.71	2.78	RFYFF	1.75	4.03	FFWNF	1.67	6.37
EFQEF	1.29	-4.61	MFEAF	1.72	-0.04	NFNHF	1.59	1.61	NFLGF	1.74	2.67	GFWTF	1.73	4.11	FFSPF	1.98	4.53
DFEAF	1.32	-4.35	MFAEF	1.69	-0.04	YFQRF	1.62	1.55	HFNYF	1.60	3.17	CFFQF	1.68	4.38	LFYSF	1.90	4.92
EFQDF	1.28	-4.62	RFAGF	1.69	-0.04	QFMRF	1.64	1.51	GFTYF	1.72	2.73	AFFSF	1.72	4.17	WFVGF	1.92	4.82
DFADF	1.32	-4.36	AFMEF	1.66	-0.04	PFFEF	1.73	1.36	MFRVF	1.72	2.74	HFQFF	1.70	4.25	WFTP	1.87	5.12
KFMDF	1.80	-2.35	GFRAF	1.65	-0.04	SFDWF	1.70	1.41	QFSVF	1.75	2.65	NFCIF	1.82	3.71	CFAWF	1.88	5.03
RFADF	1.73	-2.53	AFEMF	1.63	-0.04	WFDHF	1.53	1.76	AFGIF	1.68	2.89	FFQHF	1.70	4.25	YFIPF	1.87	5.11
RFAEF	1.73	-2.52	AFGRF	1.62	-0.04	RFNMF	1.69	1.43	IFKIF	1.68	2.86	QFHFF	1.70	4.25	IFYAF	1.94	4.75
EFTDF	1.36	-4.1	GFARF	1.60	-0.04	SFKIF	1.79	1.28	YFWEF	1.77	2.59	NFTFF	1.75	4.03	SFLMF	1.91	4.88
DFDVF	1.49	-3.4	AFRGF	1.58	-0.04	AFNSF	1.60	1.61	NFVHF	1.67	2.92	RFFMF	1.76	3.99	AFMFF	1.84	5.3
EFADF	1.32	-4.35	EFMAF	1.56	-0.04	SFAGF	1.77	1.31	NFNLF	1.65	2.97	CFHVF	1.80	3.79	HFMFF	1.77	5.69
DFDQF	1.28	-4.63	EFAMF	1.55	-0.04	FFPDF	1.75	1.35	SFVN	1.78	2.57	PFYPF	1.79	3.85	HFVIF	1.91	4.89
EFAEF	1.32	-4.34	GGGGF	1.67	-0.03	FFKQF	1.63	1.56	IFRH	1.76	2.62	QFSWF	1.70	4.28	TFCLF	2.01	4.44
DFVKF	1.71	-2.56	KFPAF	1.88	-0.02	KFCMF	1.78	1.31	VFNTF	1.71	2.78	PFCCF	1.93	3.32	WFNVF	1.87	5.12
QFREF	1.64	-2.79	KFAPF	1.79	-0.02	DFLVF	1.67	1.49	PFLRF	1.73	2.72	LFRIF	1.76	3.98	WFHYF	1.71	6.11
QFRDF	1.63	-2.8	PFAKF	1.72	-0.02	CFRH	1.65	1.52	LFQNF	1.63	3.05	CFNIF	1.82	3.71	LFMSF	1.92	4.88

EFDVF	1.48	-3.39	AFKPF	1.67	-0.02	EFLVF	1.66	1.5	QFMTF	1.63	3.07	RFWMF	1.68	4.37	IFHYF	1.87	5.14
DFENF	1.26	-4.7	APKF	1.67	-0.02	AFTGF	1.65	1.52	CFSSF	1.80	2.52	TFMCF	1.79	3.86	YFMCF	1.93	4.82
EFVDF	1.48	-3.39	PKAF	1.64	-0.02	QFFKF	1.63	1.56	VFYRF	1.71	2.78	MFYQF	1.75	4.03	FFSYF	1.82	5.38
DFTDF	1.34	-4.11	SFDMF	1.78	-0.01	IFGRF	1.62	1.58	LFRAF	1.86	2.36	YFCHF	1.75	4.04	VFTFF	1.83	5.34
EFCEF	1.39	-3.82	TFVDF	1.76	-0.01	FFNKF	1.67	1.48	RFLPF	1.73	2.72	MFNYF	1.77	3.95	FFSCF	1.95	4.69
EFETF	1.34	-4.09	DFSMF	1.72	-0.01	RFCHF	1.65	1.52	WFEMF	1.79	2.55	YFVN	1.82	3.74	VFPVF	2.07	4.2
RFKKF	1.36	-3.99	TFDVF	1.71	-0.01	QFNHF	1.57	1.69	NFMAF	1.72	2.74	FFHQF	1.71	4.25	VFIGF	1.89	5.02
EFEQF	1.26	-4.61	MFSDF	1.69	-0.01	CFKYF	1.75	1.35	IFRCF	1.72	2.75	YFWRF	1.67	4.41	WFGVF	1.93	4.82
DFVDF	1.47	-3.4	DFVTF	1.68	-0.01	WFADF	1.74	1.37	YFSGF	1.80	2.52	IFKFF	1.89	3.45	VFFT	1.83	5.34
GFKKF	1.48	-3.33	VFDTF	1.68	-0.01	IFTKF	1.67	1.49	PFIRF	1.77	2.59	NFIVF	1.73	4.15	MFTIF	1.90	4.96
SFRDF	1.71	-2.49	YFDAF	1.66	-0.01	FFKNF	1.68	1.48	RFTIF	1.81	2.48	HFLHF	1.67	4.45	QFLWF	1.73	5.99
VFDDF	1.47	-3.4	SFMDF	1.65	-0.01	LFVDF	1.67	1.49	CFIRF	1.72	2.75	QFAWF	1.71	4.24	FFVAF	1.88	5.09
KFEVF	1.69	-2.55	YFADF	1.65	-0.01	VFRSF	1.61	1.61	YFQSF	1.68	2.9	YFTP	1.82	3.74	AFMW	1.78	5.68
EFNEF	1.25	-4.69	DFMSF	1.65	-0.01	YFPKF	1.87	1.19	TFAHF	1.78	2.56	QFLCF	1.78	3.92	FFLNF	1.80	5.53
RFDQF	1.61	-2.8	AFDYF	1.64	-0.01	QFHNF	1.57	1.69	QFAMF	1.70	2.82	CFAYF	1.84	3.65	HFLMF	1.85	5.23
RFDNF	1.59	-2.88	VFTDF	1.64	-0.01	CFKMF	1.79	1.31	GFNLF	1.75	2.67	AFITF	1.81	3.79	SFWMF	1.77	5.72
KFMEF	1.76	-2.34	DFYAF	1.63	-0.01	HFRCF	1.66	1.52	YFGHF	1.69	2.87	HFCVF	1.81	3.79	IFSLF	1.84	5.33
DFQE	1.25	-4.62	DFAYF	1.62	-0.01	EFIMF	1.63	1.58	VFAQF	1.77	2.61	NNFFH	1.72	4.17	FFYHF	1.77	5.73
DFVEF	1.46	-3.39	DFTVF	1.61	-0.01	GFATF	1.66	1.52	HFACF	1.70	2.83	SFIHF	1.77	3.97	AFLMF	1.93	4.84
YFDEF	1.52	-3.14	MFDSF	1.59	-0.01	FFEPF	1.76	1.36	NFCVF	1.64	3.05	IFGPF	1.95	3.25	IFLQF	1.89	5.02
DFECF	1.37	-3.83	AFYDF	1.56	-0.01	GFQPF	1.76	1.36	NFMHF	1.62	3.13	SFWQF	1.70	4.28	HFWMF	1.72	6.07
DFSRF	1.70	-2.49	RFNQF	1.53	-0.01	VFI	1.75	1.37	QFQIF	1.65	3	HFGWF	1.71	4.25	PFMMF	1.97	4.62
EFQRF	1.61	-2.79	NFQRF	1.49	-0.01	RFHHF	1.74	1.39	SFPTF	1.78	2.57	FFNSF	1.80	3.82	LFIQF	1.89	5.02
DFMEF	1.50	-3.18	NFRQF	1.47	-0.01	CFPRF	1.68	1.49	MFRYF	1.65	2.99	NFFPF	1.73	4.14	QFWIF	1.75	5.86
VFEEF	1.46	-3.38	QFRNF	1.46	-0.01	SFKLF	1.73	1.41	SFPSF	1.86	2.36	FFGSF	1.88	3.52	TFCWF	1.85	5.28
RFNDF	1.58	-2.88	RFQNF	1.44	-0.01	SFGAF	1.79	1.31	KFWHF	1.77	2.6	LFCGF	1.87	3.54	YFVPF	2.01	4.45
EFHDF	1.34	-3.96	QFNRF	1.39	-0.01	AFRVF	1.64	1.57	HFNVF	1.67	2.92	QFFCF	1.68	4.38	GFFWF	1.72	6.07
DFHDF	1.34	-3.97	AFEYF	1.61	0	PFEFF	1.76	1.36	MFRMF	1.67	2.95	YFQYF	1.75	4.07	VFLPF	1.90	4.99
DFDNF	1.23	-4.71	AFYEF	1.63	0	KFIAF	1.84	1.24	GFGFF	1.70	2.83	HFNWF	1.65	4.55	LFWNF	1.75	5.91
DFHEF	1.34	-3.96	EFAYF	1.51	0	HFNQF	1.58	1.69	PFWKF	1.79	2.57	SFPVF	1.95	3.28	MFMPF	1.98	4.62
RFDTF	1.77	-2.28	EFMSF	1.52	0	RFMQF	1.67	1.51	YFRMF	1.66	2.99	PFSYF	1.88	3.53	IFMSF	1.95	4.75
RFEPF	1.81	-2.16	EFSMF	1.69	0	DFIYF	1.62	1.61	LFRTF	1.77	2.61	HFPYF	1.79	3.88	HFLLF	1.76	5.81
QFERF	1.59	-2.79	EFTVF	1.62	0	AFNAF	1.64	1.57	PFVGF	1.78	2.59	LFWKF	1.77	3.96	IFMHF	1.88	5.1
QFDRF	1.59	-2.8	EFVTF	1.68	0	EFYIF	1.62	1.62	CFWKF	1.73	2.73	YFACF	1.85	3.65	PFWTF	1.88	5.12
RFESF	1.69	-2.48	EFYAF	1.47	0	EFHWF	1.55	1.77	WFRQF	1.67	2.93	SFGFF	1.88	3.52	SFYL	1.92	4.92
EFDNF	1.23	-4.7	GFRSF	1.52	0	GFHAF	1.60	1.66	SFYGF	1.80	2.52	QFLPF	1.82	3.76	VFPF	1.93	4.86
DFRQF	1.59	-2.8	GFSRF	1.65	0	GFRIF	1.64	1.58	KFMLF	1.80	2.54	YFNYF	1.77	3.99	SFLIF	1.84	5.33
KFYEF	1.75	-2.3	MFESF	1.69	0	RFYNF	1.70	1.47	GFYCF	1.65	3	PFIGF	1.96	3.25	AFWIF	1.72	6.13
RFPEF	1.81	-2.16	MFSEF	1.65	0	KFMCF	1.80	1.31	SFNYF	1.71	2.82	QCFLF	1.78	3.92	LFWQF	1.74	5.99
DFRSF	1.68	-2.49	RFGSF	1.68	0	CFGFF	1.93	1.14	IFGQF	1.77	2.62	HFSIF	1.77	3.97	FFYSF	1.83	5.38
SFERF	1.69	-2.48	RFSGF	1.70	0	DFMIF	1.65	1.57	VFMRF	1.73	2.74	IFHSF	1.77	3.97	VFYMF	1.86	5.26
DFEVF	1.44	-3.39	SFEMF	1.76	0	CFGNF	1.72	1.44	SFTTF	1.83	2.46	VFMQF	1.82	3.78	MFHWF	1.73	6.07
KFQKF	1.55	-2.95	SFGRF	1.70	0	QFASF	1.59	1.69	TFVGF	1.82	2.48	CFVAF	1.92	3.4	CFFPF	1.90	5.01
MFEEF	1.49	-3.17	SFMEF	1.73	0	AFSNF	1.63	1.61	YFNSF	1.71	2.82	TFYPF	1.83	3.74	PFCFF	1.90	5.01
KFEYF	1.75	-2.3	SFRGF	1.69	0	FFDPF	1.78	1.35	MFNTF	1.66	2.99	YFNVF	1.83	3.74	SFPWF	1.92	4.91
KFDMF	1.73	-2.35	TFEVF	1.65	0	TFQNF	1.66	1.55	HFTAF	1.79	2.56	RFMFF	1.77	3.99	WFNLF	1.75	5.91
RFEQF	1.59	-2.79	TFVEF	1.70	0	NFHQF	1.59	1.69	TFNMF	1.66	2.99	NFAWF	1.73	4.16	CFLPF	2.00	4.55
DFRNF	1.56	-2.88	VFTEF	1.63	0	VFSRF	1.63	1.61	KFLYF	1.79	2.58	TFPVF	1.89	3.49	HFYFF	1.78	5.73
DFEMF	1.48	-3.18	VFTEF	1.66	0	GFKWF	1.65	1.56	LFYKF	1.79	2.58	LFPQF	1.82	3.76	MFWAF	1.79	5.68
MFDKF	1.72	-2.35	YFAEF	1.69	0	DFTWF	1.62	1.62	KFIYF	1.83	2.45	FFRYF	1.76	4.03	HFWYF	1.72	6.11

RFSEF	1.68	-2.48	YFEAF	1.72	0	KFLAF	1.77	1.37	GFFNF	1.62	3.13	VFQVF	1.87	3.57	WFNMF	1.85	5.33
KFEMF	1.73	-2.34	AFKHF	1.55	0.01	GFPQF	1.77	1.36	AFMQF	1.71	2.82	WFSQF	1.71	4.28	CFSWF	1.89	5.07
EFDHF	1.33	-3.96	AFHKF	1.60	0.01	RFYQF	1.66	1.55	CFKWF	1.74	2.73	LFPGF	1.92	3.38	LFAMF	1.94	4.84
RFTEF	1.75	-2.27	HFKAF	1.62	0.01	YFCKF	1.78	1.35	YFSQF	1.69	2.9	QFTFF	1.74	4.11	YFFT	1.80	5.59
RFDPF	1.79	-2.17	HFAKF	1.66	0.01	VFKVF	1.67	1.54	HFTTF	1.72	2.81	SFMCF	1.85	3.65	YFAFF	1.85	5.34
YFEEF	1.49	-3.13	KFAHF	1.67	0.01	CFGQF	1.68	1.52	YFHGF	1.70	2.87	IFHAF	1.78	3.93	VFWSF	1.82	5.51
NFREF	1.55	-2.87	KFHAF	1.73	0.01	AFQAF	1.61	1.65	TFQVF	1.70	2.86	TFTLF	1.73	4.17	WFYTF	1.75	5.97
DFMKF	1.72	-2.35	PFSKF	1.68	0.02	QFTQF	1.62	1.63	SFPNF	1.89	2.32	FFNTF	1.76	4.03	TFILF	1.81	5.54
EFEVF	1.43	-3.38	SFPKF	1.68	0.02	VFIDF	1.78	1.36	QFSYF	1.69	2.9	GFIYF	1.75	4.1	LFGFF	1.87	5.23
YFEDF	1.48	-3.14	PKFSF	1.71	0.02	NFCGF	1.73	1.44	FFRH	1.61	3.21	NFWPF	1.66	4.52	PFCLF	2.00	4.55
DFEHF	1.32	-3.96	KFPSF	1.76	0.02	MFCKF	1.81	1.31	AFPHF	1.76	2.67	MFATF	1.94	3.34	HFYWF	1.73	6.11
DFDHF	1.32	-3.97	KFSPF	1.78	0.02	NFASF	1.63	1.61	GFVPF	1.79	2.59	VFTP	1.89	3.49	PFPTF	1.96	4.74
KFKSF	1.62	-2.64	SFKPF	1.82	0.02	LFSKF	1.75	1.41	YFGTF	1.74	2.73	PFAIF	1.79	3.9	CFYIF	1.86	5.27
EFEHF	1.32	-3.95	DFSYF	1.55	0.03	SFEWF	1.74	1.42	AFRWF	1.61	3.2	YFTCF	1.79	3.9	CFVIF	1.91	5.02
KFDYF	1.73	-2.31	DFYSF	1.58	0.03	KFITF	1.70	1.49	SFGMF	1.83	2.48	FFRIF	1.68	4.44	IFWNF	1.78	5.78
EFDMF	1.47	-3.18	SFDYF	1.62	0.03	LFKAF	1.77	1.37	KFLMF	1.81	2.54	PFINF	1.88	3.55	PFWHF	1.86	5.26
RFDSF	1.66	-2.49	YFDSF	1.63	0.03	EFWPF	1.57	1.74	AFNMF	1.74	2.74	IFSHF	1.78	3.97	LFNFF	1.82	5.53
YFEKF	1.73	-2.3	SFYDF	1.64	0.03	PFRCF	1.70	1.49	VFTGF	1.83	2.48	SFHIF	1.78	3.97	QFLFF	1.80	5.61
RFTDF	1.73	-2.28	YFSDF	1.67	0.03	DFYLF	1.58	1.74	GFGLF	1.87	2.37	IFTHF	1.73	4.18	FFINF	1.84	5.4
DFQRF	1.56	-2.8	EFYSF	1.51	0.04	DFVLF	1.70	1.49	HFSPF	1.75	2.71	AFYYF	1.70	4.34	WFWNF	1.65	6.75
DFEYF	1.47	-3.14	EFSYF	1.59	0.04	KFSLF	1.75	1.41	NFHVF	1.69	2.92	GFMMF	1.86	3.61	VFSFF	1.89	5.13
TFDRF	1.73	-2.28	YFESF	1.61	0.04	GFSTF	1.67	1.56	VFHNF	1.69	2.92	CFGIF	1.92	3.41	FFVT	1.85	5.34
NFERF	1.54	-2.87	SFEYF	1.67	0.04	NFSSF	1.62	1.65	NFVPF	1.70	2.89	SFFSF	1.73	4.21	MFFAF	1.86	5.3
VFEDF	1.42	-3.39	DFINF	1.50	0.05	YFRQF	1.67	1.55	DFLWF	1.63	3.12	HFWQF	1.65	4.63	CFMVF	2.00	4.57
EFRNF	1.54	-2.87	YFSEF	1.71	0.04	CFHRF	1.69	1.52	QFNLF	1.65	3.05	AFMVF	1.76	4.05	VFMCF	2.00	4.57
SFREF	1.65	-2.48	SFYEF	1.71	0.04	GFWKF	1.67	1.56	VFVR	1.81	2.53	VFYGF	1.91	3.44	LFSLF	1.83	5.46
EFVKF	1.63	-2.55	SFHKF	1.55	0.05	PFNQF	1.62	1.66	LFFEF	1.74	2.75	CFGFL	1.88	3.54	FFMHF	1.79	5.69
YFKEF	1.71	-2.3	IFNDF	1.56	0.05	DFCFF	1.70	1.51	LFRHF	1.74	2.75	GFVLF	1.78	3.98	AFFMF	1.86	5.3
EFKVF	1.63	-2.55	IFDNF	1.56	0.05	GFTA	1.69	1.52	HFQVF	1.67	3	GFTWF	1.75	4.11	LFAVF	1.99	4.63
VFKEF	1.63	-2.55	DFNIF	1.58	0.05	QFGCF	1.69	1.52	KFFVF	1.73	2.79	MFAPF	1.91	3.45	IFAYF	1.96	4.75
SFDRF	1.65	-2.49	HFKSF	1.60	0.05	KFPYF	1.91	1.19	PFPQF	1.87	2.37	VFRWF	1.74	4.16	YFTIF	1.91	5
MFEKF	1.70	-2.34	HFSKF	1.60	0.05	EFWHF	1.57	1.77	MFGSF	1.83	2.48	YFGMF	1.86	3.65	WFGYF	1.90	5.07
EFHEF	1.30	-3.95	LFKRF	1.50	0.06	DFLMF	1.60	1.7	SFRFF	1.71	2.86	QFPLF	1.83	3.76	FFMTF	1.82	5.55
EFVEF	1.41	-3.38	SFKHF	1.65	0.05	HFQNF	1.61	1.69	HFRFF	1.61	3.21	SFQFF	1.80	3.9	TFYLF	1.89	5.13
KFKNF	1.49	-3.03	NFIDF	1.65	0.05	IFYEF	1.64	1.62	IFCRF	1.74	2.75	FFRMF	1.78	3.99	TFWCF	1.86	5.28
KFNKF	1.49	-3.03	EFNIF	1.52	0.06	NFAAF	1.67	1.57	VFSNF	1.80	2.57	TFGWF	1.75	4.11	MFSWF	1.79	5.72
EFARF	1.63	-2.52	NFDIF	1.67	0.05	SFSGF	1.80	1.35	TFTSF	1.84	2.46	QFMIF	1.69	4.44	FFIGF	1.90	5.1
DFDMF	1.45	-3.19	RFLKF	1.53	0.06	KFNFF	1.72	1.48	CFPNF	1.85	2.45	VFQYF	1.82	3.82	TFLMF	1.90	5.09
DFNRF	1.52	-2.88	LFRKF	1.54	0.06	GFLRF	1.60	1.71	PFCNF	1.85	2.45	CFSMF	1.86	3.65	FFGMF	1.99	4.65
MFKEF	1.69	-2.34	KFHSF	1.69	0.05	DFYIF	1.65	1.61	EFFLF	1.74	2.75	TFALF	1.79	3.92	IFTMF	1.92	4.96
YFDKF	1.70	-2.31	EFINF	1.57	0.06	GFIRF	1.66	1.58	SFPHF	1.76	2.71	TFLSF	1.79	3.96	MFFTF	1.82	5.55
YFKDF	1.70	-2.31	KFSHF	1.73	0.05	PFDFF	1.80	1.35	YFHNF	1.62	3.17	FFAQF	1.81	3.86	TFLLF	1.80	5.67
YFDDF	1.45	-3.15	KFLRF	1.59	0.06	SFLKF	1.76	1.41	AFTP	1.82	2.53	NFCLF	1.81	3.84	FFHVF	1.83	5.48
EFNRF	1.52	-2.87	RFKLF	1.59	0.06	HFNNF	1.65	1.61	RFQWF	1.69	2.93	SFLAF	1.85	3.71	IFFQF	1.83	5.48
NFDRF	1.52	-2.88	QFQRF	1.48	0.07	PFQGF	1.80	1.36	KFYL	1.80	2.58	QFLVF	1.70	4.36	MFQWF	1.84	5.41
AFDRF	1.62	-2.53	NFEIF	1.60	0.06	NFPGF	1.86	1.28	SFACF	1.84	2.48	PFVHF	1.87	3.63	LFMAF	1.95	4.84
KFIEF	1.87	-1.89	QFRQF	1.48	0.07	CFNNF	1.59	1.74	DFIWF	1.67	2.99	GFWCF	1.70	4.38	PFWAF	1.94	4.87
PFRDF	1.75	-2.17	IFENF	1.60	0.06	TFQQF	1.65	1.63	RFYMF	1.67	2.99	YFCTF	1.80	3.9	MFWGF	1.91	5.03
EFMDF	1.44	-3.18	KFRLF	1.62	0.06	GFHSF	1.61	1.7	VFRMF	1.75	2.74	MFQYF	1.77	4.03	YFWSF	1.79	5.76
DFKVF	1.61	-2.56	IFNEF	1.62	0.06	GFTSF	1.68	1.56	EFWIF	1.67	3	VFSCF	1.92	3.44	VFLCF	1.89	5.15

DFARF	1.62	-2.53	NFIEF	1.64	0.06	EFLMF	1.61	1.71	QFINF	1.70	2.92	CFVTF	1.86	3.65	AFWMF	1.80	5.68
MFEDF	1.44	-3.18	DFWRF	1.66	0.06	LFKTF	1.65	1.62	HFPHF	1.66	3.06	YFMQF	1.77	4.03	CFLVF	1.89	5.15
DFDYF	1.45	-3.15	WFDRF	1.67	0.06	EFCFF	1.71	1.52	SFCHF	1.71	2.87	SFWNF	1.74	4.2	IFGWF	1.83	5.48
DFYEF	1.44	-3.14	RFWDF	1.67	0.06	GFQCF	1.71	1.52	FFIEF	1.79	2.62	IPPNF	1.89	3.55	YFWHF	1.74	6.11
EFDYF	1.44	-3.14	EFRWF	1.56	0.07	RFCTF	1.80	1.38	NFTMF	1.68	2.99	YFMGF	1.86	3.65	CFCYF	2.10	4.17
EFTRF	1.70	-2.27	RFQQF	1.57	0.07	AFSQF	1.62	1.69	IFQNF	1.70	2.92	TFISF	1.82	3.83	LFQIF	1.92	5.02
EFEYF	1.44	-3.13	WFRDF	1.71	0.06	HFDWF	1.59	1.76	SFYNF	1.73	2.82	AFFT	1.70	4.38	SFYFF	1.85	5.38
TFERF	1.69	-2.27	DFRW	1.72	0.06	NFNPF	1.68	1.58	NFVT	1.74	2.78	PFCPF	2.00	3.16	IAVF	2.02	4.5
EFRSF	1.62	-2.48	RFDWF	1.74	0.06	AFAQF	1.65	1.65	NFSYF	1.73	2.82	PFIHF	1.72	4.29	FFVSF	1.90	5.13
MFDDF	1.43	-3.19	EFWRF	1.62	0.07	PFCRF	1.73	1.49	TFFRF	1.66	3.07	AFYMF	1.72	4.3	LFCAF	2.10	4.19
AFRDF	1.60	-2.53	WFREF	1.64	0.07	TFKIF	1.73	1.49	RFYYF	1.67	3.03	YPPAF	1.91	3.49	VFLHF	1.92	5.02
EFSRF	1.61	-2.48	WFERF	1.72	0.07	PFGQF	1.81	1.36	IFGNF	1.82	2.54	FFGTF	1.85	3.73	MFVMF	1.88	5.22
MFDEF	1.42	-3.18	RFEWF	1.74	0.07	KFALF	1.81	1.37	MFMRF	1.69	2.95	TFPYF	1.84	3.74	FFSVF	1.90	5.13
KFKAF	1.55	-2.68	RFWEF	1.76	0.07	QFHQF	1.59	1.77	QFMAF	1.73	2.82	TFAIF	1.83	3.79	PFPFF	1.95	4.85
AFREF	1.60	-2.52	DFPVF	1.62	0.1	RFPFC	1.73	1.49	PFNCF	1.86	2.45	CFTYF	1.81	3.9	NFLWF	1.77	5.91
DFKYF	1.67	-2.31	EFPVF	1.62	0.11	CFDFF	1.72	1.51	LFCRF	1.71	2.88	IWSAF	1.88	3.58	NFIWF	1.79	5.78
KFIDF	1.84	-1.9	DFVPF	1.71	0.1	DFWHF	1.60	1.76	PFAAF	1.92	2.28	RFMLF	1.90	3.53	VFMPPF	2.05	4.41
RFETF	1.68	-2.27	EFVPF	1.64	0.11	NFQTF	1.70	1.55	SFMGF	1.84	2.48	FFQSF	1.81	3.9	IFYPF	1.90	5.11
KFKQF	1.48	-2.95	PFVDF	1.72	0.1	EFLYF	1.60	1.75	GFYHF	1.72	2.87	WFRVF	1.75	4.16	IFSMF	1.97	4.75
DFMDF	1.42	-3.19	VFPDF	1.74	0.1	GFAHF	1.64	1.66	QFMSF	1.72	2.86	LFNPF	1.86	3.68	FFVHF	1.84	5.48
DFKMF	1.65	-2.35	DFHVF	1.52	0.13	IFKHF	1.66	1.63	VFTQF	1.72	2.86	PFVTF	1.91	3.49	IFSYF	1.97	4.79
DFRPF	1.71	-2.17	VFDPF	1.77	0.1	FFQKF	1.70	1.56	HFGVF	1.80	2.62	YFPHF	1.81	3.88	LFFQF	1.82	5.61
TFRDF	1.67	-2.28	DFIQF	1.55	0.13	EFPWF	1.61	1.74	TFHTF	1.73	2.81	YFVGF	1.93	3.44	TFFYF	1.82	5.59
DFDLF	1.56	-2.61	TFKTF	1.61	0.12	CFRPF	1.74	1.49	GFVCF	1.75	2.75	WFRMF	1.71	4.37	VFVYF	1.92	5.05
EFKMF	1.65	-2.34	PFVEF	1.69	0.11	RFCPF	1.74	1.49	SFHCF	1.72	2.87	FFHGF	1.82	3.87	CFVLF	1.90	5.15
EFKYF	1.66	-2.3	PFDVF	1.77	0.1	AFQSF	1.63	1.69	NFSMF	1.74	2.78	CFHYF	1.78	4.04	TFWMF	1.77	5.93
GEFGF	1.59	-2.51	TFTKF	1.63	0.12	NFQHF	1.63	1.69	NFIQF	1.70	2.92	PFAYF	1.91	3.49	YFPIF	1.91	5.11
EFMKF	1.64	-2.34	DFQIF	1.59	0.13	GFRLF	1.63	1.71	EFWLF	1.64	3.13	PFNLF	1.86	3.68	LFGLF	1.97	4.77
PFREF	1.71	-2.16	VFPEF	1.74	0.11	WFTEF	1.67	1.63	NFPVF	1.71	2.89	CFMHF	1.79	4	IFCCF	2.01	4.58
DFRAF	1.58	-2.53	EFHVF	1.55	0.14	EFIYF	1.67	1.62	CFTSF	1.76	2.73	PFTMF	1.86	3.7	WFYSF	1.80	5.76
QFKKF	1.46	-2.95	DFVHF	1.61	0.13	QFQTF	1.67	1.63	PFCQF	1.83	2.53	TFWGF	1.76	4.11	TFMMF	1.83	5.55
RFDCF	1.77	-2.01	EFIQF	1.55	0.14	RFQMF	1.73	1.51	TFVNF	1.75	2.78	VFCSF	1.93	3.44	MFMVF	1.89	5.22
HFDRF	1.71	-2.14	EFQIF	1.56	0.14	QFNPF	1.65	1.66	WFDYF	1.81	2.58	GFFPF	1.82	3.84	HFFF	1.74	6.14
KFEIF	1.82	-1.89	QFIDF	1.62	0.13	HFEWF	1.60	1.77	YFAGF	1.85	2.48	HFHLF	1.69	4.45	PFIMF	1.92	5.07
EFRAF	1.57	-2.52	PFEVF	1.77	0.11	SFANF	1.68	1.61	TFNVF	1.75	2.78	AFVMF	1.78	4.05	FFFNF	1.76	5.99
EFYDF	1.41	-3.14	IFDQF	1.63	0.13	MFEIF	1.69	1.58	VFTNF	1.75	2.78	WFRYF	1.70	4.41	LFQFF	1.82	5.61
EFEMF	1.40	-3.17	VFHDF	1.64	0.13	KFLSF	1.80	1.41	MFAGF	1.87	2.44	CFCCF	1.92	3.48	LFLSF	1.85	5.46
IFEKF	1.81	-1.89	IFEQF	1.58	0.14	QFWKF	1.54	1.94	FFDLF	1.76	2.74	CFLNF	1.82	3.84	PFHWF	1.88	5.26
KFSKF	1.53	-2.64	QFDIF	1.64	0.13	NFPQF	1.66	1.66	VFHGF	1.80	2.62	QFVLF	1.71	4.36	PFFVF	1.85	5.45
RFECF	1.76	-2	VFDHF	1.64	0.13	RFQYF	1.72	1.55	QFVHF	1.69	3	AFWSF	1.68	4.55	HFVFF	1.84	5.48
EFMEF	1.40	-3.17	EFVHF	1.59	0.14	TFWDF	1.68	1.62	KFMIF	1.88	2.41	AFYVF	1.77	4.09	LFTIF	1.83	5.54
SFKKF	1.53	-2.64	CFAKF	1.59	0.14	IFEVF	1.83	1.37	KFVFF	1.75	2.79	RFLLF	1.77	4.11	VFYVF	1.92	5.05
RFDHF	1.70	-2.14	GFMKF	1.59	0.14	NFCNF	1.63	1.74	CFRIF	1.76	2.75	CFPPF	2.01	3.16	YFAWF	1.81	5.72
DFYKF	1.64	-2.31	QFIEF	1.60	0.14	HFIKF	1.68	1.63	WFKCF	1.77	2.73	VFNVF	1.92	3.49	IFWQF	1.78	5.86
PFDRF	1.69	-2.17	HFEVF	1.60	0.14	VFEIF	1.83	1.37	WFMDF	1.83	2.54	PFAVF	1.99	3.24	LFSMF	1.96	4.88
EFYKF	1.64	-2.3	HFDVF	1.67	0.13	VFARF	1.71	1.57	VFSQF	1.80	2.65	WFSNF	1.75	4.2	TFVLF	1.96	4.88
TFREF	1.65	-2.27	MFKGF	1.61	0.14	FFDCF	1.75	1.51	CFCNF	1.81	2.61	AFTLF	1.81	3.92	LFVVF	1.83	5.59
EFRPF	1.69	-2.16	AFKCF	1.61	0.14	GFVGF	1.71	1.58	PFHAF	1.79	2.67	GFWPF	1.74	4.22	IFNFF	1.86	5.4
NFKKF	1.42	-3.03	KFTTF	1.75	0.12	NFGCF	1.79	1.44	WFQRF	1.71	2.93	QFFPF	1.74	4.22	PFLVF	1.93	4.99
RFCEF	1.75	-2	VFHEF	1.63	0.14	EFMIF	1.71	1.58	YFSNF	1.74	2.82	IFSSF	1.88	3.62	HFWIF	1.69	6.52

KFTKF	1.58	-2.43	VFEPF	1.84	0.11	VFLEF	1.76	1.5	IFNQF	1.71	2.92	AFFPF	1.69	4.49	CFYLF	1.86	5.4
DFDIF	1.49	-2.74	IFQDF	1.70	0.13	PFQQF	1.63	1.74	WFPKF	1.82	2.57	YFRFF	1.79	4.03	YFYWF	1.64	6.93
PFERF	1.68	-2.16	VFEHF	1.64	0.14	IFRNF	1.57	1.88	LFMKF	1.84	2.54	AFFIF	1.82	3.9	LFTMF	1.92	5.09
AFERF	1.55	-2.52	HVFDF	1.71	0.13	NFNCF	1.63	1.74	RFLHF	1.76	2.75	VFSYF	1.77	4.13	YFWAF	1.81	5.72
GFGDF	1.55	-2.52	GFKMF	1.66	0.14	TFEWF	1.69	1.63	EFIWF	1.69	3	GFHWF	1.74	4.25	CFIMF	1.89	5.23
EFYEF	1.39	-3.13	IFQEY	1.67	0.14	DFMLF	1.65	1.7	TFPAF	1.84	2.53	MFPTF	1.87	3.7	MFLHF	1.89	5.23
KFAKF	1.50	-2.68	QFEIF	1.67	0.14	RFWRF	1.57	1.89	IFQQF	1.69	3	SFLTF	1.80	3.96	YFWTF	1.77	5.97
DFIEF	1.49	-2.73	HFVEF	1.67	0.14	KFFQF	1.73	1.56	CFGCF	1.93	2.31	FFPGF	1.83	3.84	IFNWF	1.80	5.78
RFCDF	1.73	-2.01	CFKAF	1.69	0.14	SFGTF	1.73	1.56	IFNAF	1.64	3.19	IFSCF	1.77	4.1	CFWHF	1.86	5.42
IFEDF	1.49	-2.73	MFGKF	1.69	0.14	NFSAF	1.70	1.61	TFSHF	1.82	2.6	FFQTF	1.77	4.11	LFPMF	1.90	5.2
CFERF	1.74	-2	AFCKF	1.71	0.14	RFAVF	1.72	1.57	LFKMF	1.84	2.54	CFINF	1.86	3.71	VFVVF	1.98	4.8
LFDEF	1.52	-2.6	NFLDF	1.52	0.18	VFRAF	1.72	1.57	YFANF	1.76	2.78	GFPWF	1.75	4.22	CFHFF	1.93	5.04
EFRQF	1.47	-2.79	KFMGF	1.74	0.14	DFWCF	1.57	1.89	GFAQF	1.81	2.62	LFPNF	1.87	3.68	WFTCF	1.89	5.28
RFHEF	1.68	-2.13	EFLNF	1.50	0.19	SFNAF	1.70	1.61	QFLQF	1.66	3.13	PFLQF	1.85	3.76	TFMLF	1.92	5.09
DFRHf	1.68	-2.14	DFLNF	1.55	0.18	TFLKF	1.70	1.62	RFCLF	1.73	2.88	NFVIF	1.76	4.15	SFFYF	1.87	5.38
DFIDF	1.48	-2.74	KFGMF	1.77	0.14	FFCDF	1.76	1.51	QFTYF	1.66	3.11	MFAAF	2.04	3.09	WFVSF	1.85	5.51
IFDDF	1.48	-2.74	LFNEF	1.52	0.19	VFLDF	1.77	1.49	NFHMF	1.66	3.13	LFCQF	1.81	3.92	IFPVF	1.97	4.86
IFEEF	1.48	-2.72	EFNLF	1.53	0.19	FFPEF	1.85	1.36	APPCF	1.75	2.8	AFWHF	1.62	4.9	IFALF	1.89	5.29
EFGGF	1.54	-2.51	LFDNF	1.58	0.18	RFHCF	1.75	1.52	TFPSF	1.83	2.57	VFPHF	1.89	3.63	YFLCF	1.87	5.4
EFDIF	1.48	-2.73	KFACF	1.80	0.14	IFEMF	1.72	1.58	SFCAF	1.86	2.48	IFPAF	1.82	3.9	NFFFF	1.77	5.99
KFELF	1.84	-1.76	NFLEF	1.54	0.19	HFWDF	1.63	1.76	QFGFF	1.64	3.21	HFAFL	1.78	4.06	TFMFF	1.84	5.55
KFDIF	1.77	-1.9	GRTRF	1.47	0.21	LFVEF	1.77	1.5	YFRYF	1.69	3.03	SFIPF	1.81	3.94	YFPLF	1.90	5.24
EFKIF	1.77	-1.89	LFNDF	1.61	0.18	WFHDF	1.63	1.76	PFTHF	1.72	2.92	MFVQF	1.85	3.78	FFQMF	1.94	5.03
EFEIF	1.48	-2.72	DFNLF	1.61	0.18	SFTGF	1.73	1.56	SFQMF	1.74	2.86	SFIAF	1.90	3.58	QFWFF	1.71	6.45
DFYDF	1.37	-3.15	NFDLF	1.62	0.18	KFHIF	1.70	1.63	CFHSF	1.74	2.87	WFHGF	1.74	4.25	LFCPF	2.04	4.55
IFKDF	1.76	-1.9	GFYKF	1.63	0.18	WFETF	1.70	1.63	CFHAF	1.75	2.83	LFSAF	1.87	3.71	MFWSF	1.82	5.72
DFPRF	1.65	-2.17	GFKYF	1.64	0.18	WFEHF	1.63	1.77	IFIKF	1.74	2.86	KFIWF	1.84	3.83	PFICF	2.07	4.42
HFREF	1.66	-2.13	KFCAF	1.86	0.14	SFQSF	1.65	1.73	MFKFF	1.70	3	AFQWF	1.75	4.24	IFHIF	1.84	5.55
RFEHF	1.66	-2.13	NFELF	1.60	0.19	YFIEF	1.70	1.62	TFPTF	1.76	2.78	PFFNF	1.77	4.14	MFAFF	1.89	5.3
RFHDF	1.66	-2.14	YFGKF	1.67	0.18	NFTSF	1.59	1.86	YFNHF	1.65	3.17	MFSCF	1.88	3.65	YFHWF	1.76	6.11
EFDLF	1.51	-2.6	LFENF	1.63	0.19	WFRRF	1.58	1.89	DFFFF	1.65	3.2	GFYFF	1.66	4.69	FFNLF	1.85	5.53
KFDLF	1.82	-1.77	YFKGF	1.68	0.18	WFGKF	1.74	1.56	LFNQF	1.69	3.05	QFICF	1.85	3.79	YFIAF	1.99	4.75
LFKDF	1.82	-1.77	CFKSF	1.69	0.18	IFYDF	1.71	1.61	DFWIF	1.70	2.99	MFPHF	1.84	3.84	TFYWF	1.78	5.97
IFDEF	1.46	-2.73	KFYGF	1.72	0.18	DFPWF	1.65	1.73	MFYRF	1.70	2.99	QFHWF	1.67	4.63	TSFWF	1.98	4.8
HFERF	1.66	-2.13	DFMTF	1.63	0.2	AFVRF	1.73	1.57	NFAMF	1.78	2.74	YFVQF	1.84	3.82	CFFCF	1.91	5.17
DFLDF	1.49	-2.61	CFSKF	1.72	0.18	SFRVF	1.71	1.61	TFYQF	1.67	3.11	TFIHF	1.76	4.18	VFWTF	1.82	5.72
KFKTF	1.55	-2.43	GFTRF	1.60	0.21	FFECF	1.76	1.52	HFHTF	1.71	2.95	CFPCF	1.98	3.32	WFMGF	1.94	5.03
KFRRF	1.39	-3	EFMTF	1.60	0.21	TFWEF	1.70	1.63	RFMMF	1.71	2.95	VFNMF	1.87	3.7	FFMSF	1.88	5.34
KFKPF	1.58	-2.32	TFGRF	1.61	0.21	CFFEF	1.76	1.52	TFHHF	1.71	2.95	CFLQF	1.82	3.92	MFYMF	1.86	5.47
GFGEF	1.52	-2.51	MFTEF	1.61	0.21	NFATF	1.61	1.82	MFGAF	1.89	2.44	HFLTF	1.74	4.31	CFWPF	1.87	5.39
HFRDF	1.64	-2.14	EFTMF	1.61	0.21	QFSSF	1.65	1.73	CFCQF	1.80	2.69	MFHCF	1.80	4	YFWCF	1.74	6.24
AFKKF	1.47	-2.68	DFYTF	1.51	0.24	HFSGF	1.67	1.7	TFACF	1.80	2.69	QFYLF	1.68	4.61	PFVLF	1.95	4.99
CFRDF	1.70	-2.01	MFDTF	1.65	0.2	CFFDF	1.77	1.51	MFTGF	1.80	2.69	IFYNF	1.72	4.4	QFIWF	1.80	5.86
GFDGF	1.51	-2.52	EFTYF	1.48	0.25	MFIDF	1.74	1.57	TFAPF	1.85	2.53	NFIYF	1.72	4.4	SFIIF	1.91	5.2
EFPRF	1.63	-2.16	TFRGF	1.61	0.21	LFTKF	1.71	1.62	VFQTF	1.74	2.86	WFVRF	1.77	4.16	WFHMF	1.77	6.07
DFTRF	1.59	-2.28	KFCSF	1.75	0.18	CFNGF	1.81	1.44	PFSTF	1.84	2.57	HFLSF	1.78	4.1	WFMAF	1.83	5.68
KFKHF	1.58	-2.29	AFNRF	1.46	0.26	KFQFF	1.74	1.56	LFIKF	1.71	2.99	VFQMF	1.85	3.78	AFFLF	1.80	5.88
CFDRF	1.69	-2.01	NFVKF	1.56	0.23	TFGSF	1.74	1.56	CFNCF	1.83	2.61	CFMSF	1.89	3.65	WFQMF	1.87	5.41
LFEDF	1.48	-2.6	SFKCF	1.77	0.18	CFCRF	1.70	1.65	NFYPF	1.66	3.14	QFMMF	1.81	3.99	LFITF	1.85	5.54
IFKEF	1.74	-1.89	SFKCF	1.77	0.18	AFYRF	1.61	1.82	FFRTF	1.68	3.07	SFTFF	1.72	4.42	WFQVF	1.91	5.2

LFEEF	1.49	-2.59	KFGYF	1.77	0.18	NFTAF	1.61	1.82	GFFGF	1.75	2.83	VFCQF	2.04	3.13	AFLWF	1.74	6.26
EFIGF	1.45	-2.72	RFRVF	1.47	0.26	AFHGF	1.69	1.66	GFNFF	1.67	3.13	AFFHF	1.70	4.52	FFTYF	1.84	5.59
EFLDF	1.48	-2.6	DFTYF	1.54	0.24	WFDTF	1.71	1.62	TFSPF	1.84	2.57	WFNHF	1.69	4.55	MFHFF	1.83	5.69
PFKKF	1.56	-2.32	TFMEF	1.65	0.21	AFRYF	1.62	1.82	RFIPF	1.83	2.59	RFYWF	1.72	4.41	WFTYF	1.79	5.97
RFKRF	1.37	-3	TFDMF	1.69	0.2	GFGMF	1.63	1.79	IFEFF	1.82	2.62	TFYVF	1.73	4.34	LFPVF	1.95	4.99
LFDKF	1.78	-1.77	RFGTF	1.65	0.21	SFVRF	1.72	1.61	PFHSF	1.79	2.71	IFGMF	1.79	4.06	MFWHF	1.77	6.07
DFRTF	1.57	-2.28	TFMDF	1.70	0.2	RFVSF	1.72	1.61	CFPQF	1.86	2.53	IFKWF	1.84	3.83	YFYMF	1.86	5.51
KFKCF	1.61	-2.16	AFRNF	1.49	0.26	QFPNF	1.69	1.66	PFQCF	1.86	2.53	IFATF	1.85	3.79	IFQLF	1.95	5.02
KFPKF	1.55	-2.32	RFTGF	1.66	0.21	EFYLF	1.65	1.75	SFCTF	1.79	2.73	CFHMF	1.81	4	FFAMF	1.90	5.3
EFCRF	1.67	-2	KFSCF	1.80	0.18	CFNQF	1.62	1.82	HFGYF	1.74	2.87	GFYIF	1.78	4.1	PFIPF	2.12	4.26
LFDDF	1.46	-2.61	NFRAF	1.50	0.26	HFQQF	1.64	1.77	GFQLF	1.78	2.75	SFYMF	1.73	4.34	PFFMF	1.84	5.66
KFRGF	1.54	-2.34	NFKVF	1.59	0.23	PFQNF	1.70	1.66	YFTGF	1.79	2.73	LFGPF	1.96	3.38	CFLYF	1.88	5.4
KFHKF	1.55	-2.29	VFKNF	1.59	0.23	GFSHF	1.68	1.7	NFMSF	1.77	2.78	LFQPF	1.86	3.76	IFFAF	1.82	5.75
KFCKF	1.60	-2.16	MFTDF	1.72	0.2	QFIRF	1.56	1.96	HVNVF	1.73	2.92	IFASF	1.91	3.58	WFGMF	1.95	5.03
KFLEF	1.77	-1.76	EFYTF	1.54	0.25	FFCEF	1.77	1.52	AFIGF	1.74	2.89	AFHFF	1.70	4.52	FFTPF	2.01	4.74
LFEKF	1.77	-1.76	VFRRF	1.51	0.26	DFWPF	1.66	1.73	NFMFT	1.71	2.99	NFIMF	1.73	4.36	YFVYF	1.90	5.3
EFELF	1.46	-2.59	DFTMF	1.73	0.2	QFHAF	1.53	2.04	FFFEF	1.65	3.21	PFAMF	1.95	3.45	IFYVF	1.83	5.71
DFGGF	1.48	-2.52	NFARF	1.53	0.26	RFIGF	1.74	1.58	GFWGF	1.65	3.21	WFQHF	1.68	4.63	HFMWF	1.78	6.07
DFRCF	1.65	-2.01	RFVRF	1.53	0.26	LFDVF	1.79	1.49	CFNPF	1.89	2.45	NFSWF	1.76	4.2	FFHYF	1.83	5.73
DFELF	1.45	-2.6	DFCVF	1.54	0.26	HFAGF	1.70	1.66	NFQIF	1.73	2.92	PFYTF	1.87	3.74	MFLPF	1.92	5.2
TFKKF	1.50	-2.43	RFNAF	1.55	0.26	GFCQF	1.78	1.52	QFYSF	1.74	2.9	WFNSF	1.77	4.2	PFPWF	1.91	5.23
KFLDF	1.76	-1.77	TFEMF	1.72	0.21	VFDIF	1.88	1.36	QFPCF	1.86	2.53	SFWGF	1.83	3.9	YFCIF	1.91	5.27
EFRTF	1.55	-2.27	DFQLF	1.55	0.26	SFGHF	1.68	1.7	FFHRF	1.65	3.21	HFPLF	1.72	4.42	IFLT	1.86	5.54
RFRKF	1.35	-3	MFETF	1.74	0.21	AFNHF	1.57	1.96	MFCGF	1.72	2.96	HFYPF	1.84	3.88	YFHFF	1.83	5.73
DFEIF	1.41	-2.73	LFDQF	1.56	0.26	QFAAF	1.71	1.65	QFAYF	1.75	2.86	QFYIF	1.71	4.48	QFFWF	1.72	6.45
NFDGF	1.56	-2.22	PKTF	1.67	0.23	IFDYF	1.73	1.61	LFRCF	1.75	2.88	YFQMF	1.80	4.03	VFVMF	1.96	5.01
CFREF	1.65	-2	EFLQF	1.54	0.27	QFSAF	1.69	1.69	NFYTF	1.70	3.03	MFQVF	1.86	3.78	TFVWF	1.83	5.72
QFDGF	1.59	-2.14	YFETF	1.60	0.25	DFIMF	1.75	1.57	KFIIF	1.75	2.86	VFCDF	1.83	3.92	WFLGF	1.85	5.61
EFIDF	1.41	-2.73	VFNKF	1.68	0.23	NFCQF	1.63	1.82	GFMPF	1.77	2.8	IFNPF	1.92	3.55	TFIIF	1.88	5.41
IFDKF	1.68	-1.9	EFQLF	1.55	0.27	LFKHF	1.66	1.76	YFGSF	1.87	2.52	TFSLF	1.82	3.96	LFMCF	1.89	5.36
RFVEF	1.86	-1.56	DFLQF	1.59	0.26	RFRWF	1.60	1.89	YFNAF	1.78	2.78	WFNAF	1.78	4.16	IFVYF	1.83	5.71
EFIKF	1.68	-1.89	EFCVF	1.56	0.27	TFSGF	1.76	1.56	TFGIF	1.67	3.14	WFQSF	1.75	4.28	SFMWF	1.83	5.72
NFEGF	1.55	-2.21	KFVNF	1.69	0.23	MFIEF	1.75	1.58	YFQAF	1.75	2.86	IFRLF	1.82	3.98	WFINF	1.82	5.78
DFLEF	1.43	-2.6	TFDYF	1.66	0.24	SFSNF	1.71	1.65	HFMNF	1.68	3.13	LFCNF	1.85	3.84	WFAPF	1.99	4.87
EFRCF	1.63	-2	TFYEF	1.63	0.25	WFTDF	1.73	1.62	PFSAF	1.95	2.32	QFWAF	1.76	4.24	SFYWF	1.83	5.76
RFKGF	1.50	-2.34	HFTKF	1.60	0.26	KTIF	1.80	1.49	TFSCF	1.80	2.73	MFRWF	1.73	4.37	YFMVF	1.91	5.26
EFRHF	1.57	-2.13	HFKTF	1.60	0.26	KFIPF	1.74	1.6	HFTCF	1.69	3.08	IFNCF	1.88	3.71	IFLGF	2.04	4.64
NFGDF	1.53	-2.22	TFKPF	1.70	0.23	CFEFF	1.79	1.52	HFHCF	1.65	3.22	HFYMF	1.67	4.69	MFPFF	1.85	5.66
HFKKF	1.51	-2.29	YFDTF	1.68	0.24	NFHAF	1.57	1.96	GFCYF	1.72	3	YFFNF	1.62	4.99	VFALF	2.04	4.63
DFCRF	1.61	-2.01	QFLDF	1.61	0.26	LFGRF	1.69	1.71	EFFFF	1.66	3.21	NFLMF	1.71	4.49	IFICF	1.84	5.68
EFHRF	1.56	-2.13	RFANF	1.61	0.26	AFHNF	1.58	1.96	HFYQF	1.65	3.25	SFMPF	1.94	3.49	FFFQF	1.78	6.07
DFLFK	1.70	-1.77	TFYDF	1.68	0.24	IFHKF	1.73	1.63	VFHQF	1.72	3	IFCHF	1.72	4.45	IFVVF	1.88	5.46
RFVDF	1.81	-1.57	KFNVF	1.73	0.23	DFHWF	1.66	1.76	MFHQF	1.66	3.21	SFITF	1.85	3.83	IFVMF	1.84	5.67
EFQGF	1.55	-2.13	TFPKF	1.73	0.23	AFFKF	1.63	1.83	TFQMF	1.70	3.07	TFWQF	1.71	4.49	WFMNF	1.90	5.33
DFIKF	1.64	-1.9	TEYF	1.66	0.25	SFNSF	1.72	1.65	CFAAF	1.90	2.44	WFANF	1.78	4.16	LFCCF	2.02	4.71
KFGGF	1.74	-1.68	QFDLF	1.64	0.26	SFAQF	1.70	1.69	HFPSF	1.81	2.71	LFRLF	1.79	4.11	GFLWF	1.86	5.61
LFKEF	1.70	-1.76	QEFLF	1.61	0.27	KFGWF	1.77	1.56	AFAVF	1.75	2.88	AFCIF	1.80	4.06	WFIGF	1.88	5.48
EFLEF	1.40	-2.59	LFQDF	1.65	0.26	MFLDF	1.69	1.7	MFGTF	1.81	2.69	LFSTF	1.83	3.96	TFMIF	1.97	4.96
KFGRF	1.47	-2.34	SFRNF	1.55	0.3	VFELF	1.80	1.5	QFTVF	1.76	2.86	FFHSF	1.70	4.56	NFFWF	1.74	6.37
GFEAF	1.65	-1.86	GFGNF	1.64	0.27	VFRFT	1.64	1.82	HFPAF	1.82	2.67	LFGCF	1.93	3.54	IFLSF	1.90	5.33

DFNGF	1.51	-2.22	KFPTF	1.78	0.23	WFHEF	1.66	1.77	HFCAF	1.77	2.83	QFWPF	1.69	4.6	VFCLF	1.94	5.15
NFGEF	1.51	-2.21	EFVCF	1.64	0.27	TFNQF	1.78	1.55	RFVYF	1.79	2.78	AFAFF	1.79	4.13	YFMMF	1.88	5.47
QFEGF	1.53	-2.13	TFKHF	1.68	0.26	NFQPF	1.72	1.66	TFMNF	1.72	2.99	HFFSF	1.70	4.56	CFWCF	1.87	5.55
RFGKF	1.46	-2.34	LFQEF	1.65	0.27	HFWEF	1.66	1.77	QFISF	1.64	3.31	RFILF	1.82	3.98	PFVIF	2.00	4.86
GFRKF	1.46	-2.34	QFLEF	1.66	0.27	LFRNF	1.56	2.01	TFHPF	1.74	2.92	FFGHF	1.85	3.87	IFHLF	1.85	5.68
DFHRF	1.52	-2.14	KFHFT	1.69	0.26	IFKTF	1.81	1.49	RFPLF	1.81	2.72	YFIQF	1.72	4.48	LFAIF	1.91	5.29
SFGDF	1.65	-1.83	LFEQF	1.66	0.27	YFEFL	1.67	1.75	HFYNF	1.67	3.17	CFSIF	1.80	4.1	WFPPF	1.93	5.23
CFKKF	1.52	-2.16	SFNRF	1.57	0.3	YFEIF	1.74	1.62	SFNMF	1.79	2.78	NFWHF	1.71	4.55	CFYYF	2.00	4.86
EFKLF	1.68	-1.76	NFRSF	1.57	0.3	AFRMF	1.66	1.78	FFDIF	1.85	2.61	TFCIF	1.75	4.31	MFFCF	1.83	5.82
RFDVF	1.77	-1.57	KFTPFF	1.80	0.23	EFFVF	1.58	1.96	NFQFF	1.59	3.51	PFQLF	1.88	3.76	WFLQF	1.80	5.99
RFEVF	1.78	-1.56	YFTDF	1.76	0.24	TFDWF	1.74	1.62	YFVRF	1.79	2.78	LFTSF	1.83	3.96	HFLIF	1.85	5.68
DFKIF	1.61	-1.9	TFHKF	1.69	0.26	PFWEF	1.68	1.74	NFMPF	1.70	3.1	VFGV	2.04	3.19	LFIIF	1.92	5.29
DFKLF	1.66	-1.77	YFTEF	1.73	0.25	QFPQF	1.68	1.74	QFVPF	1.73	2.97	SFPIF	1.84	3.94	LFFNF	1.87	5.53
GFQDF	1.51	-2.14	GFNGF	1.66	0.27	QFQPF	1.68	1.74	VFAGF	2.00	2.23	PFQIF	1.91	3.63	YFAIF	2.02	4.75
QFGEF	1.52	-2.13	NFSRF	1.58	0.3	GFPAF	1.74	1.63	YFYRF	1.72	3.03	WFPRF	1.93	3.56	WFCCF	1.87	5.55
EFLKF	1.66	-1.76	RFSNF	1.59	0.3	MFLEF	1.70	1.71	LFFDF	1.81	2.74	VFPCF	1.88	3.76	PFWCF	1.90	5.39
VFREF	1.76	-1.56	PFTKF	1.83	0.23	AFMRF	1.66	1.78	AFVT	1.69	3.13	IFAHF	1.84	3.93	SFIWF	1.77	6.17
EFNGF	1.48	-2.21	KFTHF	1.72	0.26	TFNSF	1.63	1.86	MFNHF	1.69	3.13	TFTIF	1.81	4.04	PFWMF	1.79	6.04
GFKRF	1.44	-2.34	GFRPF	1.55	0.32	KFVVF	1.79	1.54	TFYNF	1.72	3.03	TFCMF	1.86	3.86	VFHWF	1.82	5.86
SFDGF	1.62	-1.83	DFHMF	1.51	0.34	EFMLF	1.70	1.71	VFNHF	1.75	2.92	SFGWF	1.85	3.9	YFSWF	1.84	5.76
SFEGF	1.63	-1.82	DFMHF	1.51	0.34	AFQTF	1.61	1.9	QFIGF	1.85	2.62	NFTWF	1.74	4.41	TFMW	1.81	5.93
GFNEF	1.48	-2.21	AFQRF	1.51	0.34	DFLYF	1.69	1.74	GFCVF	1.81	2.75	MFSVF	1.80	4.09	LFWGF	1.86	5.61
FFDDF	1.50	-2.15	EFHMF	1.49	0.35	WFKNF	1.63	1.86	MFQSF	1.77	2.86	TFQWF	1.72	4.49	CFWVF	1.80	5.99
GFDAF	1.60	-1.87	DFVCF	1.74	0.26	TFGAF	1.81	1.52	PFQPF	1.95	2.37	AFSFF	1.79	4.17	GFFFF	1.85	5.69
DEEFF	1.50	-2.14	AFRQF	1.53	0.34	NFRIF	1.63	1.88	SFHPF	1.82	2.71	MFMQF	1.83	3.99	IFCVF	1.97	5.02
GFADF	1.60	-1.87	QFARF	1.53	0.34	LFRGF	1.71	1.71	RFICF	1.81	2.75	AFSWF	1.71	4.55	LFVPF	1.98	4.99
DFDFF	1.49	-2.15	DFMPF	1.61	0.31	NFSHF	1.58	2	LFNGF	1.83	2.67	MFTCF	1.86	3.86	SFFIF	1.84	5.79
RFMEF	1.88	-1.35	VFKQF	1.62	0.31	YFDIF	1.76	1.61	GFMCF	1.74	2.96	CFLSF	1.77	4.23	PFFAF	2.08	4.49
TFDGF	1.71	-1.62	VFCDF	1.77	0.26	SFSQF	1.70	1.73	YFAQF	1.77	2.86	SFTIF	1.87	3.83	HFFLF	1.76	6.27
GFNDF	1.46	-2.22	GFHRF	1.53	0.35	LFMEF	1.71	1.71	QFMHF	1.67	3.21	PFTIF	1.79	4.15	WFLNF	1.82	5.91
DFAGF	1.59	-1.87	DFPMF	1.63	0.31	RFGLF	1.71	1.71	AFAMF	1.71	3.09	PFFGF	1.86	3.84	SFLFF	1.82	5.92
GFSEF	1.61	-1.82	RFAQF	1.55	0.34	AFHQF	1.57	2.04	RFFHF	1.67	3.21	LFSHF	1.80	4.1	LFLAF	1.90	5.42
GFDNF	1.46	-2.22	NFGGF	1.75	0.27	YFIDF	1.76	1.61	PFTTF	1.80	2.78	IFHTF	1.79	4.18	LFMPF	1.94	5.2
VFRDF	1.73	-1.57	MFHEF	1.54	0.35	SFRMF	1.66	1.82	LFRPF	1.82	2.72	AFAWF	1.72	4.51	VFIMF	1.86	5.67
VFDRF	1.73	-1.57	VCECF	1.75	0.27	SFFKF	1.64	1.87	VFRYF	1.80	2.78	LFAAF	1.91	3.67	WFYPF	1.80	6.08
EFSGF	1.61	-1.82	HFMDF	1.56	0.34	TFAGF	1.82	1.52	CFPSF	1.78	2.84	WFSGF	1.85	3.9	MFMYF	1.89	5.47
VFERF	1.73	-1.56	EFMHF	1.54	0.35	IFPKF	1.77	1.6	RFSFF	1.78	2.86	QFWHF	1.70	4.63	FFSIF	1.84	5.79
DFFDF	1.47	-2.15	CFVDF	1.79	0.26	RFCCF	1.75	1.65	QFPVF	1.74	2.97	PFMAF	1.97	3.45	IFWTF	1.75	6.38
DFGNF	1.45	-2.22	VFKQF	1.64	0.31	SFNHF	1.59	2	RFVMF	1.82	2.74	MFCCF	1.80	4.13	YFTFF	1.87	5.59
GFESF	1.60	-1.82	RFNSF	1.67	0.3	HFGAF	1.74	1.66	GMFTF	1.83	2.69	TFMPF	1.90	3.7	MFCLF	1.91	5.36
FFEEF	1.48	-2.13	VFEFC	1.76	0.27	EFWCF	1.63	1.9	VFRIF	1.68	3.19	HFWAF	1.65	4.9	TFWVF	1.85	5.72
DFFEF	1.47	-2.14	VFDCF	1.80	0.26	DFCWF	1.63	1.89	SFCPF	1.78	2.84	LFVNF	1.77	4.28	IFTWF	1.75	6.38
FFEDF	1.47	-2.14	QFVKF	1.65	0.31	EFCWF	1.63	1.9	WFIDF	1.74	2.99	FFANF	1.88	3.78	WFSYF	1.85	5.76
DFQGF	1.47	-2.14	CFEVF	1.77	0.27	NFRLF	1.58	2.01	PFYNF	1.70	3.14	VFIGF	1.87	3.85	WFGIF	1.89	5.48
QFGDF	1.47	-2.14	HFEMF	1.56	0.35	SFPGF	1.74	1.67	AFFF	1.85	2.64	VFYTF	1.76	4.34	IFSIF	1.94	5.2
RFKNF	1.50	-2.04	CFDVF	1.81	0.26	VFGGF	1.79	1.58	QFTMF	1.72	3.07	WFHNF	1.72	4.55	MFVYF	1.93	5.26
AFDF	1.57	-1.87	GFPRF	1.64	0.32	GFTHF	1.63	1.91	HFCSF	1.78	2.87	SFLCF	1.78	4.23	YFTWF	1.82	5.97
GFEQF	1.47	-2.13	GFRHF	1.57	0.35	HFGSF	1.73	1.7	TFCSF	1.82	2.73	PFVCF	1.89	3.76	WFPAF	2.01	4.87
DFGQF	1.46	-2.14	HFGRF	1.57	0.35	NFQCF	1.67	1.82	RFLCF	1.77	2.88	YFSPF	1.95	3.53	WFFQF	1.75	6.45
KFKVF	1.63	-1.72	PFGRF	1.64	0.32	TFNAF	1.67	1.82	AFSVF	1.76	2.92	SFVYF	1.80	4.13	GFWFF	1.80	6.07

EFVRF	1.71	-1.56	MFHDF	1.59	0.34	LFDYF	1.71	1.74	QFFGF	1.68	3.21	HFIHF	1.76	4.32	MFLCF	1.92	5.36
DFRVF	1.70	-1.57	DFGFF	1.59	0.34	SFMRF	1.67	1.82	QFHMF	1.68	3.21	RFWYF	1.74	4.41	LFCVF	1.96	5.15
GFSDF	1.57	-1.83	CFVEF	1.79	0.27	YFARF	1.67	1.82	QFYTF	1.71	3.11	SFSFF	1.79	4.21	TFLFF	1.79	6.13
RFQKF	1.52	-1.96	QFKVF	1.67	0.31	HFRYF	1.52	2.21	HFQYF	1.67	3.25	GFLYF	1.78	4.23	WFMHF	1.80	6.07
EFEFF	1.46	-2.13	HFMEF	1.57	0.35	NFPNF	1.79	1.58	LFQQF	1.70	3.13	FFNCF	1.77	4.3	CFLMF	1.92	5.36
DFSGF	1.57	-1.83	QFSRF	1.51	0.38	AFTNF	1.67	1.82	YFMRF	1.74	2.99	PFHMF	1.87	3.84	FFMAF	1.93	5.3
RFYEF	1.85	-1.31	GFFDF	1.60	0.34	RFTVF	1.67	1.82	SFVQF	1.85	2.65	RFVWF	1.80	4.16	AFWLW	1.78	6.26
FFDEF	1.45	-2.14	EFGFF	1.58	0.35	KFWGF	1.81	1.56	TFNYF	1.73	3.03	WFLKF	1.84	3.96	IFMCF	1.94	5.23
PGGEF	1.73	-1.5	HFDMF	1.61	0.34	NFWKF	1.66	1.86	HFMGF	1.79	2.83	TFNFF	1.83	4.03	VFLMF	1.85	5.8
GFAEF	1.55	-1.86	GFFE	1.59	0.35	SFNTR	1.66	1.86	IFANF	1.69	3.19	QFLMF	1.72	4.57	PFIVF	2.02	4.86
EFRVF	1.69	-1.56	MFDHF	1.62	0.34	QFCQF	1.64	1.9	RFWSF	1.68	3.24	PFSMF	1.96	3.49	FFIHF	1.79	6.14
EFGSF	1.57	-1.82	EFYPF	1.57	0.36	RFINF	1.65	1.88	RFTFF	1.72	3.07	LFAHF	1.82	4.06	YFPFF	1.86	5.7
KFRNF	1.48	-2.04	KFVQF	1.70	0.31	RFLGF	1.73	1.71	TFRFF	1.72	3.07	FFTNT	1.83	4.03	IFMPF	1.98	5.07
PFDFG	1.71	-1.51	QFRAF	1.62	0.34	KFIHF	1.77	1.63	HFVQF	1.74	3	HFITF	1.79	4.18	IFFHF	1.80	6.14
GFENF	1.41	-2.21	PFMD	1.70	0.31	SFHGF	1.73	1.7	MFQAF	1.80	2.82	LFGIF	1.70	4.64	TFFFV	1.93	5.34
TFGEF	1.66	-1.61	RFGPF	1.68	0.32	NFAHF	1.61	1.96	TFGMF	1.84	2.69	MFVSF	1.81	4.09	VFFAF	1.97	5.09
GFDSF	1.55	-1.83	DFFGF	1.63	0.34	GFTTF	1.70	1.77	TFCHF	1.72	3.08	PFCVF	1.89	3.76	FFCYF	1.84	5.86
GFQE	1.44	-2.13	QFRSF	1.55	0.38	IFMDF	1.81	1.57	NFFNF	1.63	3.43	SFPMF	1.96	3.49	YFFCF	1.84	5.86
KFQRF	1.50	-1.96	MFPDF	1.71	0.31	GFMGF	1.69	1.79	IFWEF	1.74	3	QFTWF	1.73	4.49	FFWQF	1.75	6.45
RFDMF	1.80	-1.36	DFHYF	1.55	0.38	LFEVF	1.85	1.5	AFVAF	1.78	2.88	HFCYF	1.83	4.04	LFPYF	1.94	5.24
SFGEF	1.55	-1.82	GFGQF	1.61	0.35	IFRGF	1.80	1.58	RFMYF	1.75	2.99	VFLGF	1.84	3.98	LFVCF	1.96	5.15
EFDF	1.43	-2.14	DFYPF	1.62	0.35	MFRAF	1.70	1.78	FFEIF	1.87	2.62	WFNTF	1.75	4.41	CFMIF	1.95	5.23
DFGSF	1.55	-1.83	MFPEF	1.69	0.32	AFTQF	1.64	1.9	PFTAF	1.90	2.53	HFQWF	1.71	4.63	VFWAF	1.90	5.47
FFDKF	1.83	-1.31	HFDYF	1.55	0.38	LFHKF	1.71	1.76	AFTMF	1.65	3.34	SFHLF	1.81	4.1	FFHIF	1.80	6.14
RFKQF	1.49	-1.96	YFDHF	1.56	0.38	HFKIF	1.78	1.63	SFAVF	1.77	2.92	IFSPF	1.85	3.94	MFFHF	1.87	5.69
GFDPF	1.70	-1.51	QFGGF	1.63	0.35	VFTRF	1.68	1.82	AFHVF	1.67	3.27	IFAAF	1.95	3.54	IFLPF	1.87	5.65
GFDQF	1.43	-2.14	EFMPF	1.71	0.32	NFGVF	1.65	1.88	VFKFF	1.81	2.79	TFIPF	1.80	4.15	HFLFF	1.78	6.27
EFGAF	1.53	-1.86	EFPFM	1.71	0.32	TFIKF	1.86	1.49	KFFYF	1.74	3.04	SFAFF	1.80	4.17	IFCMF	1.95	5.23
KFSRF	1.62	-1.65	KFQVF	1.74	0.31	CFWDF	1.65	1.89	PFCAF	1.81	2.8	VFCTF	1.92	3.65	FFAYF	1.93	5.34
EFGNF	1.40	-2.21	MFEHF	1.64	0.35	CFRCF	1.77	1.65	GFPVF	1.88	2.59	WFWKF	1.68	4.8	AFFFF	1.77	6.34
EFGQF	1.43	-2.13	EFFGF	1.64	0.35	GFGVF	1.81	1.58	WFRSF	1.68	3.24	TFVMF	1.77	4.3	WFQLF	1.82	5.99
NFQDF	1.53	-1.84	EFYHF	1.56	0.39	LFYEF	1.72	1.75	QFFQF	1.60	3.59	NFFMF	1.65	4.95	GFWWF	1.76	6.45
PFEGF	1.70	-1.5	DFYHF	1.58	0.38	QFTA	1.65	1.9	IFEWF	1.75	3	VFVSF	1.87	3.88	FFNIF	1.92	5.4
FFEKF	1.82	-1.3	GFQGF	1.65	0.35	AFNTF	1.69	1.82	SFYQF	1.78	2.9	CFSYF	1.91	3.69	IFYCF	1.94	5.27
TFEGF	1.64	-1.61	FFDGF	1.68	0.34	NFTTF	1.58	2.07	AFVSF	1.77	2.92	PFTYF	1.90	3.74	VFSWF	1.90	5.51
EFFEF	1.42	-2.13	GFEFF	1.66	0.35	GFHTF	1.65	1.91	CFTTF	1.77	2.94	PFMPF	1.89	3.81	AFFIF	1.86	5.75
RFEYF	1.81	-1.31	GFDFF	1.68	0.34	VFRHF	1.62	1.96	LFGQF	1.83	2.75	MFCTF	1.87	3.86	HFIWF	1.75	6.52
KFARF	1.59	-1.69	SFRQF	1.59	0.38	IFKPF	1.80	1.6	AFMSF	1.71	3.13	MFMSF	1.78	4.3	CFIYF	1.95	5.27
KFEFF	1.81	-1.3	SFQRF	1.60	0.38	WFKQF	1.63	1.94	FFLEF	1.83	2.75	LFSSF	1.90	3.75	MFMMF	1.92	5.43
DFVRF	1.65	-1.57	EFPYF	1.64	0.36	LFEMF	1.74	1.71	NFPMF	1.72	3.1	WFMRF	1.76	4.37	IFMVF	1.88	5.67
EFAGF	1.51	-1.86	YFHDF	1.60	0.38	VFMKF	1.72	1.75	AFYSF	1.70	3.17	QFIMF	1.75	4.44	IFCYF	1.95	5.27
AFGEF	1.51	-1.86	YFEHF	1.58	0.39	YFRAF	1.69	1.82	FFYKF	1.74	3.04	PFYHF	1.87	3.88	CFMLF	1.93	5.36
KFRQF	1.47	-1.96	MFRRF	1.44	0.47	IFEYF	1.79	1.62	GFPFM	1.81	2.8	YFRWF	1.76	4.41	PFYL	1.95	5.24
NFNDF	1.49	-1.92	PFDMF	1.77	0.31	IFMEF	1.81	1.58	TFMGF	1.85	2.69	FFTQF	1.82	4.11	AFLFF	1.84	5.88
GFPDF	1.67	-1.51	DFAIF	1.57	0.4	AFCGF	1.71	1.79	NFSIF	1.69	3.23	SFFHF	1.73	4.56	IFPMF	1.99	5.07
DFGAF	1.50	-1.87	EFAIF	1.55	0.41	AFGPF	1.79	1.63	YFKFF	1.74	3.04	TFGFF	1.91	3.73	IFYMF	1.84	5.92
NFRKF	1.44	-2.04	PFRGF	1.76	0.32	MFDIF	1.82	1.57	TFMQF	1.73	3.07	YFYSF	1.76	4.38	LFCMF	1.93	5.36
WFEDF	1.55	-1.76	EFHYF	1.59	0.39	MFRSF	1.69	1.82	CFGVF	1.83	2.75	MFCAF	1.94	3.61	IFLCF	1.86	5.81
NFNEF	1.48	-1.91	MFEFP	1.76	0.32	RFVTF	1.69	1.82	NFQLF	1.74	3.05	HFISF	1.85	3.97	MFYLF	1.82	6.05
WFDDF	1.54	-1.77	DFPYF	1.68	0.35	QFATF	1.66	1.9	TFSVF	1.70	3.17	AFVYF	1.82	4.09	YFICF	1.95	5.27

KFDFF	1.79	-1.31	FFEGF	1.68	0.35	IFNRF	1.67	1.88	EFLWF	1.72	3.13	WFTNF	1.76	4.41	VVFIF	1.92	5.46
AFEGF	1.50	-1.86	RFQSF	1.62	0.38	VFYKF	1.71	1.79	AFINF	1.70	3.19	PFGLF	2.01	3.38	NFWFF	1.77	6.37
KFFEF	1.79	-1.3	RFPGF	1.76	0.32	RFVAF	1.82	1.57	SFYSF	1.69	3.21	QFFHF	1.79	4.25	CFFVF	1.89	5.61
AFGDF	1.49	-1.87	RFQAF	1.71	0.34	QFHSF	1.59	2.08	PPPSF	1.85	2.68	NFYLF	1.73	4.53	WFFNF	1.77	6.37
RFEMF	1.76	-1.35	FFGEF	1.69	0.35	FFSKF	1.67	1.87	MFTNF	1.76	2.99	IFTSF	1.89	3.83	WFSVF	1.91	5.51
RFNKF	1.43	-2.04	HFHKF	1.59	0.4	QFNCF	1.70	1.82	SFTCF	1.84	2.73	HFFTF	1.69	4.77	MFMIF	1.85	5.88
EFEWF	1.54	-1.75	PFYDF	1.70	0.35	RFMAF	1.71	1.78	NFLQF	1.74	3.05	LFTHF	1.78	4.31	MFGWF	2.00	5.03
KFVKF	1.55	-1.72	HFYDF	1.63	0.38	QFTSF	1.64	1.94	LFMRF	1.62	3.53	TFCVF	1.93	3.65	WFYCF	1.79	6.24
NFKRF	1.42	-2.04	RFGHF	1.70	0.35	TFKLF	1.80	1.62	LFDWF	1.72	3.12	WFFFK	1.76	4.42	HFWWF	1.85	5.86
KFNRF	1.42	-2.04	PFHKF	1.66	0.37	WFNKF	1.68	1.86	GFFQF	1.70	3.21	RFLFF	1.73	4.57	FFVCF	1.89	5.61
KFRAF	1.56	-1.69	PFMEF	1.79	0.32	EFFYF	1.54	2.21	QFYPF	1.70	3.22	PFHYF	1.88	3.88	FFIQF	1.92	5.48
VFKKF	1.54	-1.72	YFHEF	1.62	0.39	KFTLF	1.80	1.62	VFSAF	1.78	2.92	SFLHF	1.83	4.1	IFPLF	1.89	5.65
TFGDF	1.59	-1.62	HFRGF	1.71	0.35	SFTNF	1.68	1.86	NFYHF	1.71	3.17	GFFCF	1.85	4	FFSMF	1.94	5.34
DFMRF	1.73	-1.36	HFKHF	1.60	0.4	HFNSF	1.62	2	AFGLF	1.75	3.02	KFFFF	1.84	4.04	WFMTF	1.84	5.93
QFKRF	1.44	-1.96	YFPEF	1.69	0.36	GFPSF	1.77	1.67	VFQHF	1.76	3	GFCFF	1.85	4	PFMFF	1.89	5.66
GFGKF	1.56	-1.68	HFYEF	1.63	0.39	AFASF	1.64	1.96	IFWDF	1.76	2.99	VFHCF	1.90	3.79	LFIHF	1.88	5.68
KFFDF	1.76	-1.31	PPPKF	1.74	0.34	GFVQF	1.64	1.96	AFVHF	1.68	3.27	GFMIF	1.84	4.06	PFWPFF	1.96	5.23
FFKEF	1.76	-1.3	PFKPF	1.75	0.34	MFARF	1.72	1.78	FFRAF	1.81	2.82	NFCWF	1.71	4.68	WFCPF	1.93	5.39
MFREF	1.73	-1.35	YFEPF	1.70	0.36	PFEWF	1.74	1.74	FFFDF	1.70	3.2	CFQLF	1.87	3.92	VFIVF	1.92	5.46
EFFDF	1.37	-2.14	FFGDF	1.75	0.34	VFGNF	1.67	1.88	GFAIF	1.79	2.89	SFYVF	1.82	4.13	SFWYF	1.87	5.76
NFENF	1.45	-1.91	RFHGF	1.73	0.35	AFKFF	1.70	1.83	PFRFF	1.71	3.18	VFYSF	1.82	4.13	CFVFF	1.90	5.61
QFNEF	1.48	-1.83	PFYEF	1.71	0.36	PFGSF	1.78	1.67	FFARF	1.81	2.82	PFSLF	1.84	4.07	MFYYF	1.92	5.51
EFPGF	1.64	-1.5	HFEYF	1.65	0.39	YFLDF	1.74	1.74	PFGVF	1.89	2.59	LFHHF	1.76	4.45	FFQWF	1.77	6.45
EFTGF	1.58	-1.61	KFPHF	1.69	0.37	QFKWF	1.65	1.94	CFQPF	1.92	2.53	WFKFF	1.76	4.42	SFWIF	1.81	6.17
RFKSF	1.56	-1.65	MFDPF	1.85	0.31	VFKVF	1.85	1.54	YFFKF	1.75	3.04	TTFTF	1.72	4.63	VFFHF	1.92	5.48
GFEPF	1.63	-1.5	DFAIF	1.63	0.4	HFHGF	1.60	2.05	FFKMF	1.76	3	IFGVF	1.89	3.85	FFQFF	1.83	6.07
HFGEF	1.65	-1.47	AFIEF	1.61	0.41	NFIRF	1.68	1.88	TFVQF	1.80	2.86	NFFVF	1.70	4.74	YFALF	2.04	4.88
RFDYF	1.74	-1.32	YFDPF	1.75	0.35	AFCNF	1.59	2.09	WFNQF	1.55	3.89	PFFQF	1.81	4.22	QFWWF	1.72	6.83
YFERF	1.74	-1.31	PFEYF	1.73	0.36	HFTGF	1.66	1.91	FFELF	1.84	2.75	TFSFF	1.76	4.42	IFMAF	2.07	4.71
KFYKF	1.64	-1.47	RFSQF	1.68	0.38	HFLKF	1.73	1.76	HFGMF	1.81	2.83	WFKWF	1.69	4.8	VFMYF	1.96	5.26
QFNDF	1.47	-1.84	YFPDF	1.76	0.35	AFQHF	1.61	2.04	PFVQF	1.77	2.97	AFMYF	1.79	4.3	FFLQF	1.90	5.61
QFQE	1.51	-1.75	PKHFF	1.71	0.37	KFLTF	1.81	1.62	IFQGF	1.89	2.62	LFLRF	1.83	4.11	VFIPF	2.04	4.86
KFMKF	1.62	-1.51	AFIDF	1.65	0.4	DFFVF	1.65	1.95	GFHIF	1.69	3.28	CFTVF	1.94	3.65	HFWLF	1.75	6.65
NFESF	1.62	-1.52	EFAIF	1.63	0.41	LFKPF	1.75	1.73	TFTPF	1.83	2.78	LFQCF	1.87	3.92	FFWHF	1.69	7.11
KFRSF	1.55	-1.65	MFNKF	1.58	0.44	QFCNF	1.71	1.82	HFMQF	1.71	3.21	FFHTF	1.70	4.77	CFCWF	1.91	5.55
WFDEF	1.50	-1.76	AFDIF	1.66	0.4	WFDPF	1.75	1.73	GFPYF	1.81	2.84	YFNIF	1.77	4.4	WFGLF	1.90	5.61
GFPEF	1.62	-1.5	HFPKF	1.72	0.37	LFYDF	1.75	1.74	WFRAF	1.71	3.2	QFWCF	1.70	4.76	LFWSF	1.80	6.3
CFDGF	1.71	-1.35	KFHHF	1.66	0.4	TFSNF	1.69	1.86	SFQYF	1.80	2.9	RFFLF	1.74	4.57	IFHFF	1.82	6.14
YFDRF	1.73	-1.32	NFMKF	1.59	0.44	IFDMF	1.84	1.57	NFIIF	1.71	3.19	TFLTF	1.82	4.17	PFMLF	1.98	5.2
QFRKF	1.42	-1.96	NFKMF	1.59	0.44	APPGF	1.81	1.63	CFNVF	1.75	3.05	PFYCF	1.85	4.01	LFFGF	1.97	5.23
DFDWF	1.49	-1.77	KFCTF	1.69	0.39	QFSTF	1.66	1.94	TFCAF	1.87	2.69	MFYAF	1.79	4.3	VFAFF	2.00	5.09
DFPGF	1.61	-1.51	HFKPF	1.74	0.37	GFHHF	1.61	2.05	NFGFF	1.73	3.13	HFMCF	1.86	4	IFQWF	1.87	5.86
NFDNF	1.43	-1.92	PFDYF	1.79	0.35	RFSVF	1.82	1.61	HFCTF	1.74	3.08	PFLSF	1.84	4.07	PFVFF	1.93	5.45
NFDQF	1.46	-1.84	MFKNF	1.60	0.44	QFRLF	1.60	2.09	CFSAF	1.94	2.48	VFVHF	1.81	4.23	WFYHF	1.83	6.11
SFENF	1.60	-1.52	DFISF	1.60	0.44	YFLEF	1.75	1.75	IFTNF	1.65	3.44	FFSAF	1.82	4.17	IFGFF	2.00	5.1
HFEGF	1.63	-1.47	KFPPF	1.83	0.34	LFNRF	1.63	2.01	SFGIF	1.79	2.93	AFTFF	1.78	4.38	AFIFF	1.88	5.75
EFGPF	1.61	-1.5	PFEMF	1.89	0.32	PKKIF	1.83	1.6	GFIHF	1.69	3.28	WFYRF	1.77	4.41	WFCYF	1.81	6.24
RFAKF	1.51	-1.69	RFMRF	1.56	0.47	IFRQF	1.65	1.96	VFCNF	1.75	3.05	YFYTF	1.73	4.59	FFITF	1.85	6
DFWEF	1.48	-1.76	TFCKF	1.71	0.39	SFQAF	1.78	1.69	WFCKF	1.85	2.73	HFCLF	1.74	4.58	MFFPF	1.90	5.66
SFNDF	1.59	-1.53	KFHPF	1.77	0.37	NFSTF	1.70	1.86	HFRWF	1.62	3.59	WFGAF	1.89	3.86	IFAIF	1.99	5.16

GFCEF	1.70	-1.34	RFRMF	1.58	0.47	YFRTF	1.61	2.07	LFPRF	1.86	2.72	GFIMF	1.84	4.06	IFCIF	1.90	5.68
GFTEF	1.54	-1.61	EFSIF	1.61	0.45	HFKLF	1.74	1.76	NFNFF	1.65	3.43	HFMPF	1.90	3.84	SFIFF	1.88	5.79
RFMDF	1.68	-1.36	TFKCF	1.74	0.39	GFGYF	1.71	1.83	AFQIF	1.69	3.27	AFLPF	1.85	4.03	TFLWF	1.78	6.51
WFEEF	1.48	-1.75	RFFKF	1.51	0.52	QFSHF	1.60	2.08	PFHPF	1.76	3.03	SFPLF	1.84	4.07	LFVYF	1.88	5.84
QFQDF	1.47	-1.76	YFKNF	1.57	0.48	WFQKF	1.66	1.94	HFQMF	1.71	3.21	NFPWF	1.75	4.52	FFMCF	1.88	5.82
AFKRF	1.50	-1.69	CFKTF	1.75	0.39	KFVMF	1.75	1.75	NFPYF	1.73	3.14	HFSWF	1.67	4.94	LFSIF	1.96	5.33
MFRDF	1.67	-1.36	CFTKF	1.75	0.39	PFKLF	1.76	1.73	TFPHF	1.79	2.92	SFMYF	1.79	4.34	HFILF	1.90	5.68
NFEQF	1.44	-1.83	NFTRF	1.53	0.51	WFPDF	1.76	1.73	QFLHF	1.58	3.79	LFGVF	1.86	3.98	MFAWF	1.90	5.68
DFFKF	1.70	-1.31	IFEAF	1.70	0.41	VFDLF	1.90	1.49	FFGQF	1.71	3.21	FFIRF	1.77	4.44	WFWGF	1.79	6.45
FFKDF	1.70	-1.31	KFMNF	1.66	0.44	GFSCF	1.71	1.83	NFFGF	1.73	3.13	VFYAF	1.84	4.09	IFIAP	2.00	5.16
GFETF	1.54	-1.61	KFTCF	1.76	0.39	TFANF	1.72	1.82	WFRHF	1.62	3.59	LFAPF	1.85	4.03	PFCWF	1.95	5.39
GFKGF	1.50	-1.68	EFISF	1.64	0.45	AFSSF	1.64	2	MFAQF	1.83	2.82	TFHLF	1.79	4.31	WFTMF	1.86	5.93
QFENF	1.44	-1.83	RFNTF	1.54	0.51	PFSGF	1.80	1.67	SFIGF	1.79	2.93	FFSGF	1.98	3.52	FFGLF	1.98	5.23
QFEQF	1.47	-1.75	IFSDF	1.66	0.44	SFYRF	1.70	1.86	GFCMF	1.79	2.96	IFQPF	1.95	3.63	MFPLF	1.99	5.2
DFNNF	1.40	-1.92	IFADF	1.74	0.4	HFSNF	1.64	2	QFQLF	1.74	3.13	HFVYF	1.76	4.48	QFFF	1.84	6.07
NFQE	1.44	-1.83	IFAEF	1.73	0.41	QFAHF	1.63	2.04	SFPCF	1.82	2.84	SFWSF	1.74	4.59	WFHLF	1.76	6.65
RFYDF	1.69	-1.32	DFMCF	1.62	0.47	LFEYF	1.76	1.75	AFSMF	1.74	3.13	HFSFF	1.74	4.56	PFIYF	2.01	5.11
RFKAF	1.49	-1.69	DFSIF	1.68	0.44	LFPKF	1.77	1.73	RFFTF	1.75	3.07	PFIAP	1.89	3.9	FFCCF	2.00	5.17
CEEGF	1.68	-1.34	EFCMF	1.60	0.48	RFMSF	1.72	1.82	AFYTF	1.67	3.38	APFFF	1.76	4.49	WFITF	1.80	6.38
MFERF	1.67	-1.35	AEIF	1.74	0.41	LFDMF	1.78	1.7	GFHLF	1.67	3.41	TFHIF	1.82	4.18	YFIMF	1.87	5.92
NFDSF	1.57	-1.53	GFRCF	1.61	0.48	QFLRF	1.61	2.09	HFNMF	1.74	3.13	AFTWF	1.71	4.76	IFTLF	1.93	5.54
DFNQF	1.43	-1.84	KFYNF	1.61	0.48	CFQQF	1.69	1.9	KFCWF	1.86	2.73	YFFGF	1.72	4.69	LFGWF	1.92	5.61
RFRRF	1.37	-2.01	RFYRF	1.56	0.51	RFAMF	1.75	1.78	QFYHF	1.71	3.25	RFWIF	1.70	4.82	FFNWF	1.80	6.37
QFSDF	1.61	-1.45	YFRRF	1.56	0.51	CFQNF	1.73	1.82	YFNTF	1.77	3.03	LFATF	1.88	3.92	YFCWF	1.82	6.24
SFRKF	1.51	-1.65	SFIEF	1.66	0.45	VFFDF	1.67	1.95	GFSIF	1.80	2.93	CFTMF	1.90	3.86	YFFPF	1.90	5.7
NFSEF	1.57	-1.52	TFNRF	1.56	0.51	KFWNF	1.71	1.86	SFPPF	1.88	2.68	IFMNF	1.79	4.36	IFPYF	2.01	5.11
SFKRF	1.51	-1.65	NFYKF	1.62	0.48	VFKMF	1.76	1.75	AFHMF	1.65	3.48	LFHAF	1.85	4.06	WFAYF	1.90	5.72
SFQE	1.61	-1.44	GFCRF	1.62	0.48	KFCIF	1.76	1.76	FFNNF	1.66	3.43	FFYNF	1.67	4.99	LFMYF	1.85	6.05
DFGPF	1.57	-1.51	IFDAF	1.78	0.4	TFRMF	1.64	2.03	FFTRF	1.76	3.07	CFNFF	1.80	4.3	YFFVF	1.81	6.3
GFDTF	1.52	-1.62	TFRNF	1.58	0.51	KFPLF	1.77	1.73	YFTNF	1.77	3.03	IFTTF	1.86	4.04	PFMIF	2.02	5.07
YFRDF	1.68	-1.32	IFDSF	1.70	0.44	KFPIF	1.84	1.6	LFKIF	1.78	2.99	HFTLF	1.80	4.31	IFFPF	1.84	6.11
DFGTF	1.52	-1.62	EFYCF	1.57	0.52	FFKAF	1.73	1.83	TFVSF	1.73	3.17	SFIVF	1.75	4.54	LFYYF	1.85	6.09
KFKYF	1.59	-1.47	KFRFF	1.57	0.52	RFVHF	1.67	1.96	QFWGF	1.63	3.59	AFIYF	1.71	4.75	MFTFF	1.93	5.55
DFTGF	1.51	-1.62	NFKYF	1.63	0.48	SFHNF	1.65	2	QFHYF	1.71	3.25	KFWFF	1.77	4.42	VFWHF	1.88	5.86
RFSKF	1.50	-1.65	RFGCF	1.63	0.48	TFRVF	1.73	1.82	NFAIF	1.72	3.19	MFIQF	1.77	4.44	WFVHF	1.88	5.86
DFRMF	1.65	-1.36	NFRNF	1.59	0.51	QFRIF	1.67	1.96	PFATF	1.94	2.53	MFIGF	1.85	4.06	IFMMF	1.88	5.88
MFDRF	1.65	-1.36	KFNYF	1.64	0.48	YFKYF	1.64	2.04	WFLEF	1.74	3.13	MFQMF	1.87	3.99	LFHLF	1.89	5.81
CFGDF	1.66	-1.34	SFIDF	1.71	0.44	GFVN	1.71	1.88	VFPGF	1.91	2.59	IFRFF	1.77	4.44	LFLHF	1.89	5.81
GFECF	1.66	-1.34	IFSEF	1.70	0.45	QFGVF	1.67	1.96	MFSNF	1.85	2.78	CFWNF	1.73	4.68	HFFFF	1.76	6.73
YFKKF	1.59	-1.47	RFKFF	1.58	0.52	AFKWF	1.57	2.21	LFNSF	1.68	3.36	TFHFF	1.71	4.77	WFVT	1.91	5.72
KFKMF	1.56	-1.51	RFRYF	1.60	0.51	SFRYF	1.72	1.86	FFNQF	1.65	3.51	MFSYF	1.79	4.34	WFQFF	1.80	6.45
GFTDF	1.51	-1.62	QFRNF	1.49	0.59	SFKFF	1.71	1.87	LFWDF	1.75	3.12	FFAHF	1.76	4.52	PFLYF	1.99	5.24
QFADF	1.57	-1.49	CFRGF	1.65	0.48	WFEPF	1.77	1.74	VFPQF	1.79	2.97	CFNWF	1.73	4.68	AFFWF	1.76	6.72
DFKFF	1.68	-1.31	QFMKF	1.59	0.52	KFQWF	1.68	1.94	PFTSF	1.92	2.57	VFINF	1.83	4.15	LFCLF	1.87	5.94
PFGDF	1.56	-1.51	FFKRF	1.59	0.52	QFQCF	1.70	1.9	CFVGF	1.86	2.75	WFHQF	1.74	4.63	VFHFF	1.95	5.48
SFQDF	1.59	-1.45	RFTNF	1.61	0.51	LFRQF	1.62	2.09	AFSYF	1.73	3.17	YFHV	1.77	4.48	VFTWF	1.91	5.72
QFAEF	1.57	-1.48	FFRKF	1.59	0.52	HFAQF	1.64	2.04	QFFNF	1.65	3.51	QFPWF	1.74	4.6	LFMMF	1.86	6.01
DFWDF	1.44	-1.77	SFEIF	1.71	0.45	AFAAF	1.69	1.92	VFCGF	1.86	2.75	LFCHF	1.75	4.58	LFALF	1.96	5.42
KFGQF	1.68	-1.3	EFCYF	1.60	0.52	AFNPF	1.69	1.93	KFMFF	1.78	3	LFNCF	1.91	3.84	VFWPF	1.89	5.83
SFNEF	1.55	-1.52	DFCYF	1.62	0.51	KFLHF	1.77	1.76	VFNPF	1.82	2.89	QFCFF	1.79	4.38	MFVIF	1.92	5.67

YFREF	1.67	-1.31	DFLAF	1.59	0.53	PFIKF	1.86	1.6	MFSAF	1.75	3.13	YFGYF	1.95	3.69	FFYCF	1.89	5.86
DFQNF	1.41	-1.84	DFCMF	1.69	0.47	GFSPF	1.82	1.67	QFCVF	1.75	3.13	CFYPF	1.87	4.01	MFWTF	1.88	5.93
KFGNF	1.62	-1.38	GFNNF	1.54	0.57	CFIKF	1.77	1.76	NFWGF	1.65	3.51	PFMHF	1.91	3.84	WFPCF	1.97	5.39
AFQDF	1.56	-1.49	EFLAF	1.58	0.54	TFGTF	1.76	1.77	TFTCF	1.80	2.94	LFFRF	1.75	4.57	LFLTF	1.92	5.67
DFYRF	1.66	-1.32	IFESF	1.74	0.45	TFSQF	1.69	1.94	YFHQF	1.71	3.25	FFTTF	1.71	4.77	LFHFF	1.83	6.27
EFWDF	1.43	-1.76	EFMCF	1.68	0.48	NFNVF	1.59	2.18	CFYGF	1.78	3	LFGYF	1.82	4.23	VFLVF	1.93	5.59
EFYRF	1.66	-1.31	HFCKF	1.60	0.53	NFRFF	1.49	2.47	VFGPF	1.92	2.59	MFNMF	1.89	3.91	FFWSF	1.76	6.76
GFDCF	1.63	-1.35	YFNKF	1.68	0.48	MFVKF	1.78	1.75	CFSTF	1.87	2.73	TFVVF	1.85	4.09	MFIYF	1.88	5.92
EFNQF	1.40	-1.83	KFNMF	1.76	0.44	TFVRF	1.74	1.82	QFQFF	1.63	3.59	HFYYF	1.72	4.73	IFTFF	1.87	6
QFDNF	1.40	-1.84	DFYCF	1.64	0.51	MFKMF	1.68	1.96	PFPAF	1.90	2.64	YFCAF	1.96	3.65	VFFMF	1.83	6.26
AFNDF	1.51	-1.57	QFKMF	1.62	0.52	KFNWF	1.73	1.86	CFHTF	1.76	3.08	AFICF	1.86	4.06	LFIPF	1.93	5.65
SFEQF	1.58	-1.44	KFFRF	1.62	0.52	GFNYF	1.61	2.13	RFFPF	1.74	3.18	CFWGF	1.79	4.38	LFSWF	1.83	6.3
EFANF	1.51	-1.56	CFGFR	1.70	0.48	MFKVF	1.78	1.75	RFWAF	1.73	3.2	MFHYF	1.73	4.69	MFIVF	1.92	5.67
QFDQF	1.42	-1.76	QFTRF	1.53	0.59	KFFAF	1.74	1.83	LFDF	1.87	2.74	HFCIF	1.77	4.45	IFPIF	1.95	5.52
NFDAF	1.51	-1.57	EFAFL	1.60	0.54	HFGHF	1.64	2.05	CFLRF	1.82	2.88	YFVSF	1.84	4.13	WFTIF	1.82	6.38
EFRMF	1.63	-1.35	QFKYF	1.58	0.56	PFDWF	1.79	1.73	SFVHF	1.70	3.31	IFMGF	1.86	4.06	CFILF	1.90	5.81
KFQGF	1.66	-1.3	MFQKF	1.64	0.52	VFHRF	1.68	1.96	QFWNF	1.57	3.89	AFCLF	1.83	4.19	IFITF	1.97	5.41
HFDGF	1.55	-1.48	CEEMF	1.72	0.48	WFDCF	1.71	1.89	FFKVF	1.85	2.79	CFGWF	1.79	4.38	FFFLF	1.85	6.13
AFRKF	1.45	-1.69	MFCEF	1.73	0.48	SFHQF	1.63	2.08	GFWNF	1.65	3.51	SFFT	1.78	4.42	AFWFF	1.77	6.72
EFMRF	1.62	-1.35	MFCDF	1.75	0.47	TFTGF	1.77	1.77	WFIEF	1.79	3	WFLRF	1.68	4.95	LFPLF	1.91	5.78
KFTRF	1.57	-1.44	DFAFL	1.65	0.53	CFGSF	1.74	1.83	HFCHF	1.73	3.22	MFAYF	1.81	4.3	YFMLF	1.87	6.05
KFRTRF	1.57	-1.44	GFQNF	1.49	0.65	RFNIF	1.72	1.88	QFHIF	1.62	3.66	CFGFF	1.87	4	TFLIF	1.95	5.54
NFSDF	1.52	-1.53	YFCEF	1.67	0.52	LFMDF	1.81	1.7	DFWFF	1.64	3.58	GFVFF	1.78	4.44	FFQLF	1.94	5.61
GFCDF	1.62	-1.35	DFNFF	1.51	0.64	NFLRF	1.66	2.01	QFYCF	1.69	3.38	PFGFF	1.91	3.84	IFWHF	1.80	6.52
KFNGF	1.60	-1.38	DFFNF	1.51	0.64	GFPHF	1.66	2.02	YFHSF	1.64	3.56	HFHFF	1.69	4.91	FFAPF	2.17	4.49
DFEWF	1.42	-1.76	YFCDF	1.69	0.51	YFFDF	1.59	2.2	AFCPF	1.85	2.8	MFTP	1.95	3.7	IFVPF	2.08	4.86
EFNNF	1.36	-1.91	TFQRF	1.58	0.59	GFRFF	1.60	2.17	RFHFF	1.73	3.21	HFYIF	1.65	5.14	VFCFF	1.94	5.61
DFGHF	1.55	-1.48	KFMQF	1.68	0.52	YFKMF	1.67	2	GFLSF	1.77	3.06	AFWAF	1.77	4.51	CFPWF	1.98	5.39
NFADF	1.50	-1.57	MFKQF	1.68	0.52	HFANF	1.69	1.96	FFRPF	1.74	3.18	PFLNF	1.95	3.68	FFSFF	1.82	6.38
GFHEF	1.55	-1.47	HFKCF	1.66	0.53	VFNNF	1.60	2.18	RFFCF	1.70	3.34	HFICF	1.78	4.45	WFIQF	1.90	5.86
DFGCF	1.62	-1.35	AFVKF	1.59	0.58	MFDLF	1.81	1.7	PFHHF	1.77	3.06	SFMMF	1.81	4.3	WFAVF	1.97	5.47
NFAEF	1.50	-1.56	DFLSF	1.61	0.57	CFWEF	1.71	1.9	NFMCF	1.72	3.26	IFPQF	1.97	3.63	NFWWF	1.77	6.75
DFQQF	1.41	-1.76	CFDYF	1.70	0.51	EFVFF	1.69	1.96	WFEIF	1.79	3	QFFF	1.71	4.82	MFCWF	1.85	6.2
QFESF	1.56	-1.44	KFQMF	1.68	0.52	NFSPPF	1.69	1.97	NFHYF	1.74	3.17	IPTPF	1.84	4.15	WFHIF	1.80	6.52
EFDWF	1.41	-1.76	CFYDF	1.70	0.51	TFQSF	1.70	1.94	SFVT	1.74	3.17	HFPMF	1.91	3.84	YFYL	1.87	6.09
DFQSF	1.55	-1.45	RFCGF	1.76	0.48	IFKCF	1.78	1.76	MFHGF	1.85	2.83	VFLNF	1.81	4.28	YFWPF	1.87	6.08
CFGDF	1.61	-1.35	CFKPF	1.73	0.5	GFQVF	1.69	1.96	TFLGF	1.72	3.27	IFVQF	1.82	4.23	YFFYF	1.80	6.55
EFQNF	1.38	-1.83	QFYKF	1.63	0.56	YFSRF	1.74	1.86	LFGSF	1.78	3.06	TFICF	1.81	4.31	VFMLF	1.91	5.8
HFGDF	1.53	-1.48	CFMDF	1.78	0.47	RFSMF	1.76	1.82	AFTYF	1.69	3.38	GFIVF	1.91	3.85	WFHFF	1.73	7.11
SFDAF	1.72	-1.18	AFARF	1.56	0.61	SFQTF	1.70	1.94	QFHLF	1.60	3.79	LFINF	1.69	4.94	YFFMF	1.81	6.51
EFCGF	1.61	-1.34	NFNGF	1.62	0.57	VFNFG	1.73	1.88	TFWRF	1.67	3.45	YFPTF	1.94	3.74	FFCPF	2.06	5.01
EFGTF	1.47	-1.61	MFDCF	1.78	0.47	RFGIF	1.88	1.58	VFASF	1.82	2.92	AFHWF	1.70	4.9	SFFLF	1.89	5.92
DFCGF	1.60	-1.35	DFSLF	1.62	0.57	YFGGF	1.75	1.83	SFNLF	1.70	3.36	WFNP	1.77	4.52	VFYLF	1.91	5.84
DFNAF	1.48	-1.57	AFLEF	1.67	0.54	RFIQF	1.69	1.96	AFNIF	1.74	3.19	TFWNF	1.79	4.41	MFWCF	1.85	6.2
NFEAF	1.49	-1.56	CFDMF	1.79	0.47	RFQIF	1.69	1.96	CFTHF	1.77	3.08	IFYSF	1.72	4.79	FFAVF	2.04	5.09
QFDSF	1.54	-1.45	CFHKF	1.68	0.53	MFSRF	1.76	1.82	NFCYF	1.71	3.3	FFHHF	1.69	4.91	WFAMF	1.93	5.68
NFDPF	1.69	-1.21	PFNRF	1.56	0.62	TFQAF	1.72	1.9	PFNVF	1.83	2.89	WFGHF	1.82	4.25	TFWYF	1.89	5.97
AFQE	1.53	-1.48	NFFDF	1.53	0.64	HFQSF	1.64	2.08	IFHGF	1.72	3.28	YFINF	1.79	4.4	LFFSF	1.90	5.92
RFKTF	1.55	-1.44	KFCPF	1.74	0.5	KFFSF	1.73	1.87	AFQMF	1.85	2.82	LFMNF	1.77	4.49	IFLAF	2.01	5.29
DFRYF	1.61	-1.32	NFPRF	1.56	0.62	RFVPF	1.71	1.93	SFMQF	1.84	2.86	CFYCF	1.84	4.17	YFCFF	1.91	5.86

DFHGF	1.52	-1.48	RFTQF	1.60	0.59	DFFYF	1.60	2.2	TFCTF	1.82	2.94	HFWTF	1.66	5.15	FFLHF	1.84	6.27
DFSNF	1.50	-1.53	TFRQF	1.60	0.59	YFTRF	1.65	2.07	RFWHF	1.64	3.59	MFAMF	1.82	4.26	VFIYF	1.93	5.71
QFDAF	1.51	-1.49	EFLSF	1.62	0.58	QFHTF	1.57	2.29	HFTP	1.82	2.92	QFIYF	1.78	4.48	LFTLF	1.94	5.67
AFNEF	1.48	-1.56	PFRNF	1.56	0.62	NFKWF	1.74	1.86	QFPYF	1.74	3.22	VFTMF	1.81	4.3	TIFFF	1.88	6
EFFKF	1.62	-1.3	YFDCF	1.73	0.51	QFAPF	1.68	2.01	SFVAF	1.82	2.92	TFLHF	1.81	4.31	IFSFF	1.92	5.79
EFKFF	1.62	-1.3	CFKHF	1.69	0.53	GFTP	1.73	1.88	MFQTF	1.78	3.07	YFYHF	1.73	4.73	HFWFF	1.73	7.11
GFHDF	1.52	-1.48	SFLEF	1.62	0.58	KFLPF	1.81	1.73	SFCCF	1.80	3	IFVNF	1.85	4.15	LFFTF	1.87	6.13
RFTKF	1.54	-1.44	YFKQF	1.65	0.56	GFYGF	1.76	1.83	GFIAT	1.83	2.89	PPFVF	1.98	3.6	PFWYF	1.87	6.08
QFKGF	1.62	-1.3	FFENF	1.54	0.65	AFPQF	1.68	2.01	VFFKF	1.87	2.79	TAFF	1.80	4.38	IAFAF	1.93	5.75
EFNAF	1.48	-1.56	HFRNF	1.54	0.65	KFWQF	1.71	1.94	TFHCF	1.78	3.08	NFYIF	1.79	4.4	WFPVF	1.91	5.83
SFEAF	1.70	-1.17	FFDNE	1.55	0.64	GFCAF	1.78	1.79	IFDWF	1.80	2.99	MFYSF	1.81	4.34	FFLGF	2.02	5.23
GFNKF	1.57	-1.38	EFNFF	1.54	0.65	TFAQF	1.73	1.9	YFWKF	1.69	3.42	FFRLF	1.76	4.57	IFVCF	2.06	5.02
NFGKF	1.57	-1.38	NFEFF	1.54	0.65	RFYAF	1.76	1.82	NFLSF	1.70	3.36	FFFKF	1.87	4.04	VFWVF	1.82	6.43
SFDNF	1.49	-1.53	CFYEF	1.72	0.52	TFQTF	1.62	2.15	IFRVF	1.75	3.19	GFCWF	1.80	4.38	AFWWF	1.74	7.1
MFKKF	1.49	-1.51	GFIKF	1.62	0.59	GFCSF	1.76	1.83	NFVCF	1.79	3.05	LFTTF	1.84	4.17	IFQFF	1.98	5.48
EFWEF	1.39	-1.75	LFEAF	1.69	0.54	QFVN	1.58	2.26	NFFQF	1.67	3.51	SFVMF	1.86	4.09	MFFYF	1.81	6.51
QFGKF	1.60	-1.3	SFDIF	1.88	0.44	EFVWF	1.56	2.34	KFWCF	1.89	2.73	NFHWF	1.76	4.55	YFLPF	2.02	5.24
AFDQF	1.49	-1.49	CFEYF	1.73	0.52	TFGHF	1.72	1.91	SFTP	1.95	2.57	HFWSF	1.69	4.94	IPPF	1.87	6.11
TFNEF	1.59	-1.31	EFFNF	1.55	0.65	PFGAF	1.87	1.63	WFYKF	1.69	3.42	YFSYF	1.80	4.38	WFNWF	1.78	6.75
NFETF	1.59	-1.31	LFDAF	1.71	0.53	KFHFL	1.80	1.76	CFYQF	1.70	3.38	NFWVF	1.66	5.12	FFHLF	1.85	6.27
AFENF	1.46	-1.56	NFGNF	1.65	0.57	RFMTF	1.67	2.03	WFDDF	1.65	3.58	WFPNF	1.77	4.52	FFSLF	1.90	5.92
QFSEF	1.52	-1.44	KFHCF	1.71	0.53	DFVFF	1.71	1.95	IFLKF	1.81	2.99	KFFWF	1.79	4.42	LFCIF	1.92	5.81
KFPRF	1.58	-1.33	YFQKF	1.67	0.56	VFKYF	1.78	1.79	RFVIF	1.75	3.19	CFIHF	1.78	4.45	IFLMF	1.82	6.46
EFGCF	1.57	-1.34	MFECF	1.81	0.48	NFHSF	1.69	2	IFGSF	1.82	2.93	MFFQF	1.68	5.03	WFNIF	1.93	5.78
GFDHF	1.49	-1.48	SFLDF	1.66	0.57	GFNMF	1.65	2.09	TFAVF	1.77	3.13	AFMMF	1.82	4.26	YFIYF	1.90	5.96
GFQKF	1.59	-1.3	AFLDF	1.72	0.53	YFVKF	1.79	1.79	HFFGF	1.59	3.87	LFKWF	1.89	3.96	PFLFF	1.86	6.24
EFQSF	1.51	-1.44	CFMEF	1.81	0.48	HFQAF	1.67	2.04	QFPMF	1.75	3.18	IFFRF	1.79	4.44	FFMPF	1.95	5.66
PFRKF	1.57	-1.33	HFNRF	1.56	0.65	HFSQF	1.66	2.08	CFVQF	1.77	3.13	RFFIF	1.79	4.44	FFYYF	1.81	6.55
SFADF	1.66	-1.18	NFRHF	1.56	0.65	PFWDF	1.82	1.73	CFATF	1.91	2.69	FFPQF	1.83	4.22	PFLIF	1.95	5.65
KFAGF	1.78	-1.03	AEFLF	1.71	0.54	HFNTF	1.61	2.21	NFYCF	1.72	3.3	CFAMF	1.98	3.61	MFICF	2.03	5.23
PFNDF	1.64	-1.21	RFQTF	1.64	0.59	GFYNF	1.64	2.13	NFISF	1.74	3.23	QFIIF	1.70	4.89	IFWSF	1.87	6.17
NFPDF	1.64	-1.21	LFSDF	1.67	0.57	TFMRF	1.68	2.03	AFCYF	1.64	3.65	YFHYF	1.73	4.73	WFISF	1.87	6.17
EFRYF	1.57	-1.31	AFRSF	1.56	0.65	RFFGF	1.62	2.17	HFAPF	1.91	2.67	MFAVF	1.87	4.05	WFMCF	1.86	6.2
DFSQF	1.50	-1.45	IFGKF	1.64	0.59	WFCEF	1.74	1.9	LFQGF	1.89	2.75	HFPWF	1.64	5.26	VFLIF	1.86	6.25
DFNSF	1.45	-1.53	FFNDF	1.58	0.64	SFPNF	1.71	1.97	CFTAF	1.91	2.69	LFMQF	1.76	4.57	VFFPF	1.99	5.45
NFTEF	1.57	-1.31	LFADF	1.73	0.53	RFSYF	1.76	1.86	PFMNF	1.78	3.1	QFMLF	1.76	4.57	FFLAF	1.92	5.88
GFKQF	1.58	-1.3	AFSRF	1.57	0.65	YFRSF	1.76	1.86	MFWKF	1.70	3.38	WFQAF	1.83	4.24	IFIYF	1.84	6.37
TFQDF	1.61	-1.24	LFAEF	1.72	0.54	FFYDF	1.61	2.2	CFVNF	1.79	3.05	GFLMF	1.84	4.19	WFSMF	1.94	5.72
TFQE	1.62	-1.23	KFCHF	1.74	0.53	MFYKF	1.69	2	FFKYF	1.80	3.04	MFQLF	1.76	4.57	CFLIF	1.93	5.81
KFEWF	1.87	-0.92	AFRAF	1.62	0.61	TFNTF	1.67	2.07	HFWRF	1.65	3.59	CFYHF	1.88	4.04	WFNFF	1.84	6.37
RFKPF	1.55	-1.33	NFFEF	1.58	0.65	HFNAF	1.71	1.96	RFAFF	1.86	2.82	SFSWF	1.76	4.59	WFGFF	1.89	6.07
PFNEF	1.63	-1.2	EFSLF	1.67	0.58	FFAKF	1.77	1.83	LFVRF	1.72	3.32	WFCNF	1.74	4.68	FFPCF	2.08	5.01
QFTDF	1.61	-1.24	GFNQF	1.58	0.65	CFDW	1.74	1.89	GFTIF	1.77	3.14	FFSSF	1.84	4.21	MFCFF	1.93	5.82
AFDNF	1.43	-1.57	NFHRF	1.58	0.65	YFRHF	1.61	2.21	CFHHF	1.75	3.22	VFTVF	1.87	4.09	FFFFF	1.81	6.59
NFEFP	1.63	-1.2	KFYQF	1.71	0.56	GFNVF	1.75	1.88	YFTQF	1.78	3.11	MFVHF	1.79	4.44	LFTFF	1.88	6.13
TFNDF	1.56	-1.32	RFHNF	1.59	0.65	RFAYF	1.78	1.82	CFHPF	1.76	3.19	RFIWF	1.72	4.82	IFHWF	1.82	6.52
GFKNF	1.52	-1.38	NFRPF	1.63	0.62	RFLNF	1.69	2.01	GFLAF	1.80	3.02	WFAQF	1.83	4.24	WFWHF	1.70	7.49
NFTDF	1.55	-1.32	PKFCF	1.81	0.5	NFVNF	1.63	2.18	HFPTF	1.84	2.92	YFYAF	1.81	4.34	WFMSF	1.95	5.72
SFDQF	1.48	-1.45	GFAGF	1.63	0.62	HFYRF	1.62	2.21	EFFWF	1.66	3.59	FFWKF	1.80	4.42	FFICF	1.86	6.27
TFKRF	1.49	-1.44	LFDSF	1.70	0.57	YFHRF	1.62	2.21	AFQLF	1.70	3.4	IFMQF	1.79	4.44	FFTTF	2.02	5.34

SFSDF	1.67	-1.14	GFKIF	1.67	0.59	TFPGF	1.75	1.88	PFPTF	1.85	2.89	YFCCF	1.85	4.17	MFILF	1.83	6.46
EFSQF	1.48	-1.44	YFECF	1.78	0.52	NFPSF	1.71	1.97	GFLTF	1.74	3.27	IFQYF	1.79	4.48	WFFGF	1.89	6.07
AFEQF	1.46	-1.48	NFGQF	1.60	0.65	CFKLF	1.75	1.89	HVAF	1.74	3.27	VFIQF	1.84	4.23	FFHFF	1.80	6.73
TFDNF	1.55	-1.32	TFDIF	1.60	0.65	RFHVF	1.72	1.96	AFLGF	1.81	3.02	SFYCF	1.97	3.69	IFLHF	1.96	5.68
KFGAF	1.75	-1.03	SFARF	1.60	0.65	HFRMF	1.63	2.17	NFIHF	1.66	3.58	LFGMF	1.85	4.19	PFWVF	1.93	5.83
DFANF	1.42	-1.57	DFQFF	1.52	0.72	SFQHF	1.67	2.08	GFISF	1.83	2.93	MFGLF	1.85	4.19	WFPYF	1.89	6.08
GFEHF	1.46	-1.47	IFKGF	1.69	0.59	HFRVF	1.72	1.96	MFTQF	1.79	3.07	LFQMF	1.77	4.57	FFPYF	1.95	5.7
QFDPF	1.67	-1.13	SFRAF	1.61	0.65	NFAPF	1.73	1.93	HFINF	1.66	3.58	TFNWF	1.80	4.41	LFPIF	1.96	5.65
EFAQF	1.45	-1.48	SFELF	1.70	0.58	EFYFF	1.62	2.21	WFSRF	1.75	3.24	AFFCF	1.75	4.65	IFWAF	1.88	6.13
NFKGF	1.50	-1.38	NFQGF	1.61	0.65	QFMGF	1.64	2.17	LFKLF	1.78	3.12	TFQFF	1.87	4.11	HFLWF	1.81	6.65
EFSNF	1.43	-1.52	FFNEF	1.61	0.65	PFGHF	1.70	2.02	SFNIF	1.75	3.23	LFTPFF	1.83	4.28	SFLWF	1.86	6.3
EFQQF	1.33	-1.75	EFTIF	1.60	0.66	RFNLF	1.70	2.01	FFNGF	1.78	3.13	FFHAF	1.78	4.52	MFLYF	1.90	6.05
QFEPF	1.67	-1.12	NFDFF	1.63	0.64	CFQGF	1.96	1.52	SFHVF	1.73	3.31	FFGAF	2.03	3.48	WFQIF	1.93	5.86
TFRKF	1.47	-1.44	CFPKF	1.85	0.5	LFKCF	1.76	1.89	QFIAF	1.74	3.27	FFQCF	1.81	4.38	IFIPF	1.99	5.52
KFSGF	1.77	-0.99	QFRHF	1.53	0.73	GFACF	1.81	1.79	VFKWF	1.77	3.17	FFNYF	1.69	4.99	LFHIF	1.96	5.68
SFAEF	1.63	-1.17	LFESF	1.72	0.58	TFTQF	1.65	2.15	RFWTF	1.70	3.45	RRIFF	1.80	4.44	LFIMF	1.84	6.46
NFPEF	1.61	-1.2	AFKVF	1.72	0.58	NFGYF	1.66	2.13	MFSQF	1.86	2.86	WFKLF	1.90	3.96	LFLCF	1.92	5.94
KFRPF	1.53	-1.33	GFQQF	1.53	0.73	NFHTF	1.63	2.21	CFSPPF	1.87	2.84	PFLTF	1.83	4.28	LFVMF	1.94	5.8
QFEAF	1.45	-1.48	KFPCF	1.85	0.5	MFRHF	1.64	2.17	FFGNF	1.78	3.13	FFSHF	1.77	4.56	TFIWF	1.85	6.38
TFEQF	1.59	-1.23	IFETF	1.62	0.66	VFCRF	1.67	2.09	CFAHF	1.87	2.83	FFKWF	1.80	4.42	MFLVF	1.94	5.8
NFDTF	1.53	-1.32	QFRPF	1.57	0.7	AFWKF	1.63	2.21	NFSLF	1.72	3.36	YFIGF	1.87	4.1	FFPMF	1.96	5.66
KFRHF	1.54	-1.3	QFGQF	1.54	0.73	FFVEF	1.73	1.96	QFSLF	1.70	3.44	TFLCF	1.80	4.44	YFPWF	1.89	6.08
DFAQF	1.44	-1.49	QFGNF	1.64	0.65	YFDLF	1.83	1.74	KFLIF	1.82	2.99	CFYAF	1.98	3.65	MFIMF	1.93	5.88
PFQDF	1.65	-1.13	RFSAF	1.64	0.65	GFMQF	1.64	2.17	RFCFF	1.73	3.34	TFWTF	1.69	5.01	VFLLF	1.85	6.38
AEAEF	1.59	-1.21	LFSEF	1.73	0.58	PFAGF	1.90	1.63	LFWEF	1.78	3.13	NFMIF	1.81	4.36	PFLIF	1.97	5.65
TFENF	1.53	-1.31	EFQFF	1.54	0.73	LFQRF	1.67	2.09	QFGWF	1.67	3.59	FFGPF	1.93	3.84	MFVFF	1.87	6.26
RFKHF	1.53	-1.3	SFDLF	1.75	0.57	AFGCF	1.81	1.79	YFQTF	1.79	3.11	TFMVF	1.83	4.3	TFFIF	1.91	6
SFSEF	1.64	-1.13	HFQRF	1.55	0.73	SFGPF	1.87	1.67	HFMSF	1.68	3.52	PFNFF	1.86	4.14	VFPFF	2.00	5.45
EFNSF	1.42	-1.52	PFCKF	1.87	0.5	VFFEF	1.73	1.96	HFCPF	1.77	3.19	HYVVF	1.79	4.48	IFWGF	2.00	5.48
SFDSF	1.64	-1.14	DFFQF	1.56	0.72	GFAPF	1.90	1.63	YFIRF	1.70	3.44	QFYFF	1.68	5.07	FFWGF	1.90	6.07
RFRGF	1.50	-1.35	DFTIF	1.64	0.65	RFYSF	1.78	1.86	SFGLF	1.81	3.06	TFCYF	1.92	3.9	IFSWF	1.88	6.17
TFDQF	1.57	-1.24	EFFQF	1.55	0.73	HFFKF	1.63	2.22	CFAPF	1.89	2.8	SFMVF	1.87	4.09	IFWPF	1.84	6.49
HFKRF	1.53	-1.3	KFQYF	1.77	0.56	GFPTF	1.77	1.88	NFTYF	1.81	3.03	YFAVF	1.87	4.09	IFYYF	1.92	5.96
PFDFN	1.58	-1.21	RFPNF	1.69	0.62	FFKSF	1.77	1.87	IFVRF	1.77	3.19	VFGLF	1.90	3.98	FFTMF	1.99	5.55
PFQE	1.65	-1.12	QFNGF	1.65	0.65	AFRIF	1.62	2.23	RFIVF	1.77	3.19	YFMSF	1.82	4.34	FFGWF	1.90	6.07
SFESF	1.64	-1.13	EFITF	1.63	0.66	TFYRF	1.68	2.07	QFMCF	1.73	3.34	SFFAF	1.86	4.17	YFLYF	1.90	6.09
DFQAF	1.43	-1.49	GFGSF	1.63	0.66	VFEFF	1.73	1.96	QFCYF	1.72	3.38	LFVGF	1.90	3.98	WFVAF	2.00	5.47
RFGRF	1.50	-1.35	RFNPF	1.69	0.62	AFSHF	1.58	2.35	VFWKF	1.77	3.17	YFAYF	1.82	4.34	IFIVF	1.89	6.12
SFGKF	1.75	-0.99	RFNHF	1.65	0.65	TFHQF	1.60	2.29	MFPNF	1.79	3.1	GFMWF	1.69	5.03	LFLPF	1.95	5.78
RFPKF	1.51	-1.33	SFKVF	1.69	0.62	EFFMF	1.65	2.17	AFCCF	1.84	2.96	HFFAF	1.79	4.52	LFYVF	1.94	5.84
QFETF	1.56	-1.23	TFIEF	1.64	0.66	DFYFF	1.64	2.2	LFANF	1.73	3.32	YFVHF	1.79	4.48	VFLYF	1.94	5.84
KFWEF	1.81	-0.92	KFAVF	1.75	0.58	HFHNF	1.58	2.35	TFAMF	1.73	3.34	PFWQF	1.77	4.6	IFMYF	1.93	5.92
AFDAF	1.57	-1.22	AFGGF	1.69	0.62	FFVDF	1.74	1.95	LFLKF	1.79	3.12	PFGWF	1.85	4.22	SFFWF	1.80	6.76
AFSDF	1.59	-1.18	VFKAF	1.75	0.58	DFWVF	1.59	2.33	GFNWF	1.69	3.51	MFCVF	1.78	4.57	YFVIF	1.96	5.71
EFGHF	1.43	-1.47	DFITF	1.66	0.65	HFHQF	1.56	2.43	PFACF	1.89	2.8	FFTSF	1.81	4.42	FFNFF	1.92	5.99
PFKRF	1.50	-1.33	QFHRF	1.56	0.73	CFKIF	1.83	1.76	WFARF	1.77	3.2	VFSVF	1.93	3.88	MFVLF	1.95	5.8
NFECF	1.69	-1.04	VFAKF	1.76	0.58	KFICF	1.83	1.76	GFALF	1.82	3.02	LFVQF	1.82	4.36	PFIFF	1.90	6.11
KFCRF	1.59	-1.17	GFWEF	1.57	0.73	MFFDF	1.65	2.16	GFFSF	1.69	3.52	LFCSF	1.85	4.23	VFAWF	2.01	5.47
RFdif	1.81	-0.91	IFTDF	1.66	0.65	IFQRF	1.74	1.96	AFAYF	1.79	3.13	VFHMF	1.80	4.44	FFGFF	1.97	5.69
RFEIF	1.82	-0.9	QFPRF	1.60	0.7	KFVYF	1.82	1.79	QFLSF	1.71	3.44	YFCPF	1.90	4.01	PFLMF	2.06	5.2

QFTEF	1.55	-1.23	GFDWF	1.58	0.72	NFPAF	1.75	1.93	CFYNF	1.74	3.3	MFTYF	1.78	4.55	LFISF	2.03	5.33
KFRCF	1.59	-1.17	EFWGF	1.58	0.73	RFQLF	1.68	2.09	TFQYF	1.79	3.11	MFHVF	1.80	4.44	VFFYF	1.87	6.3
QFPDF	1.62	-1.13	FFDQF	1.59	0.72	KFLCF	1.77	1.89	SFIQF	1.74	3.31	CFMPF	1.91	3.97	VFFVF	1.91	6.05
DFTNF	1.50	-1.32	VFSKF	1.72	0.62	PFVRF	1.75	1.93	LFQSF	1.71	3.44	SFQWF	1.84	4.28	VFMFF	1.88	6.26
KFDWF	1.78	-0.93	DFGWF	1.60	0.72	AFTAF	1.65	2.17	NFMVF	1.65	3.7	IFCSF	1.88	4.1	MFFMF	1.85	6.47
EFHGF	1.41	-1.47	AFDLF	1.86	0.53	RFMHF	1.65	2.17	CFPTF	1.81	3.05	YFGIF	1.88	4.1	WFQWF	1.80	6.83
KFWDF	1.78	-0.93	TFIDF	1.69	0.65	IFCKF	1.84	1.76	CFSHF	1.87	2.87	CFSLF	1.85	4.23	HFIFF	1.90	6.14
RFIEF	1.80	-0.9	RFQPF	1.63	0.7	HVFVF	1.74	1.96	NFCMF	1.75	3.26	WFHAF	1.72	4.9	MFFIF	1.79	6.92
HFNEF	1.58	-1.17	EFGWF	1.60	0.73	DFFMF	1.66	2.16	AFMTF	1.73	3.34	SFFPF	1.79	4.53	IFTIF	2.02	5.41
EFNTF	1.49	-1.31	QFFEF	1.60	0.73	VFQGF	1.74	1.96	SFLNF	1.73	3.36	HFLAF	1.89	4.06	PFFIF	1.90	6.11
WFEKF	1.78	-0.92	QFQGF	1.60	0.73	GFQMF	1.66	2.17	PFSPF	1.93	2.68	PFWGF	1.85	4.22	FFCVF	1.99	5.61
QFPEF	1.61	-1.12	SFSRF	1.65	0.69	KFSFF	1.78	1.87	FFQNF	1.69	3.51	PFMTF	1.98	3.7	FFWTF	1.78	6.97
RFIDF	1.79	-0.91	KVVAF	1.80	0.58	HFNHF	1.59	2.35	HFVSF	1.74	3.31	GFYLF	1.85	4.23	VFPWF	1.95	5.83
DFNPF	1.55	-1.21	QFFDF	1.61	0.72	GFFRF	1.66	2.17	WFDLF	1.79	3.12	HFMVF	1.81	4.44	FFHWF	1.77	7.11
DFPNF	1.55	-1.21	IFTEF	1.69	0.66	PFLKF	1.86	1.73	MFQHF	1.77	3.21	FFPNF	1.87	4.14	LFAFF	1.94	5.88
DFAAF	1.54	-1.22	VFKSF	1.74	0.62	SFGCF	1.81	1.83	TFGLF	1.75	3.27	GFFMF	1.77	4.65	SFWLF	1.88	6.3
EFSAF	1.57	-1.17	GFWDF	1.62	0.72	KFMVF	1.85	1.75	SFMSF	1.78	3.17	HFYLF	1.66	5.27	WFTVF	1.97	5.72
PFQDF	1.60	-1.13	EFIHF	1.54	0.8	MFRTF	1.72	2.03	NFMMF	1.60	3.91	LFQVF	1.82	4.36	VFWWF	1.82	6.68
WFKEF	1.77	-0.92	HFRQF	1.61	0.73	IFSRF	1.62	2.27	GFITF	1.79	3.14	MFINF	1.82	4.36	MFTWF	1.94	5.93
AFSEF	1.57	-1.17	KFIGF	1.79	0.59	GFQYF	1.64	2.21	HFQIF	1.66	3.66	PFWNF	1.79	4.52	YFVMF	2.06	5.26
DFQTF	1.53	-1.24	SFVKF	1.75	0.62	NFMGF	1.69	2.09	IFGAF	1.87	2.89	GFMLF	1.86	4.19	WFVPF	1.95	5.83
EFTQF	1.53	-1.23	GFSGF	1.70	0.66	HFTQF	1.62	2.29	FFPRF	1.78	3.18	LFACF	1.86	4.19	VFVLF	2.00	5.59
DFNTF	1.48	-1.32	SFRSF	1.66	0.69	QFTHF	1.62	2.29	HFPPF	1.82	3.03	PFALF	1.90	4.03	WFWQF	1.81	6.83
KFGSF	1.70	-0.99	DFPIF	1.58	0.76	NFTHF	1.65	2.21	MFRLF	1.69	3.53	AFWTF	1.75	4.76	WFYYF	1.79	6.93
RFCKF	1.57	-1.17	RFAAF	1.77	0.61	YFYKF	1.71	2.04	VFIRF	1.78	3.19	SFLPF	1.89	4.07	LFYMF	1.92	6.05
RFKCF	1.57	-1.17	DFIPF	1.58	0.76	MFELF	1.87	1.71	CFQVF	1.80	3.13	WFAGF	1.94	3.86	FFVPF	2.02	5.45
EFTNF	1.48	-1.31	IFDTF	1.71	0.65	KFMYF	1.73	2	NFWNF	1.63	3.81	SFICF	1.89	4.1	PFPLF	1.89	6.24
AFADF	1.53	-1.22	KFSVF	1.76	0.62	TFGPF	1.79	1.88	MFPGF	1.90	2.8	CFMAF	2.01	3.61	YFVLF	1.95	5.84
GFRRF	1.46	-1.35	DFIHF	1.56	0.79	TFFKF	1.70	2.08	YFAHF	1.69	3.52	HFVVF	1.86	4.23	IFVIF	1.91	6.12
KFHRF	1.48	-1.3	RFQHF	1.62	0.73	QFHHF	1.57	2.43	WFELF	1.80	3.13	FFCNF	1.84	4.3	IFFTF	1.93	6
HFNDL	1.55	-1.18	KVSVF	1.76	0.62	NFVGF	1.79	1.88	MFAHF	1.70	3.48	YFHMF	1.76	4.69	LFNWF	1.94	5.91
EFSSF	1.58	-1.13	FFEQQF	1.62	0.73	VFNQF	1.63	2.26	AFYAF	1.80	3.13	MFYTF	1.79	4.55	PFVWF	1.96	5.83
DFASF	1.55	-1.18	FFQEKF	1.62	0.73	VFRPF	1.76	1.93	CFCHF	1.74	3.35	TFMMF	1.80	4.51	CFLLF	1.94	5.94
AFAEF	1.53	-1.21	TFEIF	1.71	0.66	NFHHF	1.60	2.35	CFMGF	1.85	2.96	CFVCF	1.93	3.92	WFSIF	1.91	6.17
IFREF	1.77	-0.9	KFIGF	1.81	0.59	PFRVF	1.77	1.93	KFWVF	1.79	3.17	VFNIF	1.88	4.15	VFVFF	1.92	6.05
AFDSF	1.54	-1.18	EFIPF	1.58	0.77	FFDVF	1.76	1.95	AFYHF	1.70	3.52	LFSCF	1.86	4.23	FFCFF	1.81	6.86
IFERF	1.76	-0.9	PFQRF	1.66	0.7	SFCGF	1.81	1.83	GFYVF	1.72	3.44	AFPLF	1.91	4.03	YFIVF	1.98	5.71
WFDKF	1.73	-0.93	DFWGF	1.64	0.72	MFMKF	1.75	1.96	FFGGF	1.89	2.83	FFVQF	1.74	4.82	MFYIF	1.95	5.92
EFNPF	1.52	-1.2	WFEQF	1.63	0.73	EIIIF	1.72	2.03	VFLRF	1.75	3.32	NFLYF	1.80	4.53	IFVLF	1.89	6.25
WFKDF	1.73	-0.93	GFEWF	1.63	0.73	MFTRF	1.72	2.03	WFDIF	1.84	2.99	HFIPF	1.85	4.29	VFYIF	1.98	5.71
AFESF	1.54	-1.17	RFHQF	1.63	0.73	QFCAF	1.67	2.17	GFICF	1.72	3.41	PFNWF	1.80	4.52	FFFTF	1.85	6.59
PFENF	1.52	-1.2	EFHIF	1.56	0.8	YFFEF	1.65	2.21	RFAWF	1.78	3.2	CFCVF	1.93	3.92	PFWLW	1.84	6.62
KFKIF	1.62	-1.06	CFNRF	1.58	0.78	KFYVF	1.84	1.79	SFWRF	1.77	3.24	CFVPF	1.97	3.76	LFFHF	1.89	6.27
DFKWF	1.73	-0.93	GFGAF	1.78	0.62	HFQHF	1.58	2.43	GFLPF	1.73	3.38	AFLVF	1.78	4.63	WFYMF	1.81	6.89
DFQPF	1.57	-1.13	DFHIF	1.58	0.79	TFHGF	1.78	1.91	MFIRF	1.73	3.4	CFMCF	1.88	4.13	LFSFF	1.95	5.92
EFQAF	1.37	-1.48	RFASF	1.75	0.65	QFYGF	1.65	2.21	HFAVF	1.76	3.27	QFCWF	1.76	4.76	CFYFF	1.96	5.86
IFKKF	1.61	-1.06	DFLTF	1.60	0.78	VFNQF	1.64	2.26	PFWRF	1.69	3.56	HFFHF	1.73	4.91	LFICF	1.97	5.81
PFEQF	1.57	-1.12	RFSSF	1.70	0.69	VFGQF	1.76	1.96	YFGPF	1.89	2.84	PFVVF	1.87	4.2	YFLVF	1.96	5.84
CFKRF	1.54	-1.17	EFLTF	1.59	0.79	DFVWF	1.61	2.33	NFALF	1.75	3.32	WFHTF	1.69	5.15	WFIHF	1.86	6.52
NFCDF	1.62	-1.05	VFDVF	1.69	0.7	IFIIF	1.73	2.03	MFGPF	1.90	2.8	SFTLF	1.93	3.96	FFFHF	1.83	6.73

GFKAF	1.63	-1.03	EFVVF	1.68	0.71	APPNF	1.77	1.93	CFFHF	1.78	3.19	FFVGF	1.82	4.44	WFFAF	1.83	6.72
HFRKF	1.45	-1.3	VVFDF	1.69	0.7	AFIRF	1.65	2.23	TFPCF	1.83	3.05	CFTLF	1.82	4.44	FFYVF	1.89	6.3
CFRKF	1.53	-1.17	CFRNF	1.60	0.78	WFCDF	1.79	1.89	CFMQF	1.74	3.34	IFVSF	1.80	4.54	MFWPF	1.94	6.04
NFDHF	1.52	-1.18	NFCRF	1.60	0.78	QFTTF	1.68	2.15	AFMHF	1.71	3.48	HFMYF	1.77	4.69	WFWAF	1.79	7.1
VFDGF	1.73	-0.91	LFDTF	1.60	0.78	MFNGF	1.70	2.09	SFSYF	1.78	3.21	WFTQF	1.81	4.49	PFYFF	1.99	5.7
IFRDF	1.73	-0.91	PFRQF	1.69	0.7	PFTGF	1.80	1.88	LFTGF	1.76	3.27	FFATF	1.83	4.38	YFWVF	1.84	6.68
DFNCF	1.61	-1.05	IFRRF	1.48	0.92	QFGMF	1.67	2.17	HFNIF	1.69	3.58	LFNMF	1.81	4.49	YFMIF	1.96	5.92
SFKGF	1.66	-0.99	FFQDF	1.67	0.72	EFLIF	1.68	2.16	CFFRF	1.75	3.34	VFAMF	1.91	4.05	FFPVF	2.04	5.45
EFASF	1.53	-1.17	NFRCF	1.61	0.78	FFDMF	1.68	2.16	CFACF	1.86	2.96	LFPAF	1.91	4.03	MFPWF	1.94	6.04
EFQCF	1.68	-0.96	QFEFF	1.67	0.73	YFNGF	1.69	2.13	MFGCF	1.86	2.96	MFLSF	1.74	4.88	FFYPF	2.00	5.7
DFSSF	1.54	-1.14	QFDFF	1.68	0.72	QFFAF	1.74	2.01	VFFAF	1.77	3.24	MFCPF	1.93	3.97	YFCLF	2.05	5.4
CFNDF	1.61	-1.05	CFKCF	1.76	0.66	PFANF	1.78	1.93	PFSCF	1.90	2.84	AFIVF	1.81	4.5	LFFPF	1.91	6.24
RFHKF	1.44	-1.3	IFHDF	1.62	0.79	SFRIF	1.64	2.27	PFYGF	1.90	2.84	AFVIF	1.81	4.5	FFLSF	1.96	5.92
QFDTF	1.47	-1.24	IFEHF	1.61	0.8	WFPEF	1.87	1.74	MFFKF	1.84	3	HFAFF	1.81	4.52	IFFSF	1.98	5.79
DFRIF	1.72	-0.91	DFVVF	1.72	0.7	AFAHF	1.63	2.31	HFSYF	1.69	3.56	HFWHF	1.67	5.29	AFIWF	1.93	6.13
NFHDF	1.51	-1.17	NFNNF	1.54	0.87	RFTMF	1.74	2.03	YFYGF	1.66	3.69	LFTAF	1.94	3.92	CFFMF	1.98	5.82
DFPQF	1.54	-1.13	TFLEF	1.63	0.79	NFGMF	1.71	2.09	LFGHF	1.73	3.41	PFITF	1.89	4.15	LFWHF	1.85	6.65
GFDVF	1.71	-0.91	RFPQF	1.73	0.7	PFSQF	1.73	2.05	RFLYF	1.69	3.57	CFTIF	1.85	4.31	CFIIF	2.00	5.68
VFGDF	1.71	-0.91	TFRAF	1.57	0.86	VFDFF	1.77	1.95	QFAIF	1.77	3.27	CFMTF	1.96	3.86	FFALF	1.97	5.88
TFSDF	1.69	-0.93	CFCKF	1.79	0.66	DFMFF	1.68	2.16	NFPIF	1.70	3.55	TFIAF	1.97	3.79	WFVVF	1.85	6.68
EFAAF	1.48	-1.21	WFDGF	1.72	0.72	RFLQF	1.71	2.09	HFAMF	1.71	3.48	FFLRF	1.80	4.57	MFLIF	1.88	6.46
CFDNF	1.59	-1.05	DFTLF	1.65	0.78	QFGYF	1.67	2.21	LFGAF	1.84	3.02	YFYPF	1.77	4.7	CFWYF	1.91	6.24
DFTQF	1.46	-1.24	EFPIF	1.66	0.77	CFEWF	1.80	1.9	IFAQF	1.77	3.27	MFLNF	1.81	4.49	CFYWF	1.91	6.24
EFQTF	1.47	-1.23	QFRCF	1.57	0.86	AFSTF	1.67	2.21	IFKLF	1.85	2.99	TFPLF	1.86	4.28	VFCWF	1.95	5.99
TFDAF	1.65	-0.97	EFTLF	1.64	0.79	SFNPF	1.77	1.97	NFTLF	1.69	3.57	LFYGF	1.87	4.23	WFFHF	1.79	7.11
CFDQF	1.65	-0.97	AFTRF	1.57	0.86	LFCKF	1.80	1.89	HFTVF	1.71	3.52	VFQIF	1.87	4.23	FFAIF	2.00	5.75
CFQEY	1.65	-0.96	VFEVF	1.73	0.71	GFYQF	1.67	2.21	FFMKF	1.85	3	QFLYF	1.79	4.61	WFFTF	1.81	6.97
TFSEF	1.69	-0.92	KFWRF	1.54	0.9	NFACF	1.72	2.09	GFGWF	1.79	3.21	HFTIF	1.88	4.18	MFWIF	1.77	7.3
SFTDF	1.68	-0.93	WFGEF	1.72	0.73	QFSCF	1.67	2.21	PFRWF	1.70	3.56	SFAWF	1.80	4.55	LFPWF	1.86	6.62
NFEHF	1.50	-1.17	QFNNF	1.50	0.95	TFNHF	1.67	2.21	FFVKF	1.92	2.79	CFFSF	1.78	4.69	SFWFF	1.84	6.76
PFDAF	1.74	-0.86	DFVMF	1.54	0.91	FFHKF	1.67	2.22	TFHVF	1.71	3.52	YFMAF	1.86	4.3	FFMIF	1.82	6.92
GFAKF	1.59	-1.03	AFMKF	1.65	0.79	DFIIF	1.75	2.02	IFSNF	1.78	3.23	PFLAF	1.92	4.03	MFWYF	1.83	6.89
QFDGF	1.64	-0.97	GFKLF	1.73	0.72	RFSIF	1.65	2.27	AFCVF	1.74	3.4	SFVVF	1.95	3.88	IFMLF	1.89	6.46
AEPEF	1.75	-0.85	WFGDF	1.73	0.72	YFKVF	1.86	1.79	IFRMF	1.74	3.4	LFWRF	1.73	4.95	FFPFF	1.85	6.7
NFCEF	1.58	-1.04	EFLHF	1.53	0.93	WFECF	1.81	1.9	GFWSF	1.62	3.9	YFQLF	1.79	4.61	WFCVF	1.96	5.99
KFIKF	1.56	-1.06	LFKGF	1.74	0.72	KFFT	1.73	2.08	FFRCF	1.75	3.34	FFGCF	1.93	4	IFLYF	1.88	6.5
HFDNF	1.48	-1.18	WFKRF	1.56	0.9	QFFRF	1.56	2.55	CFCSF	1.85	3	LFYNF	1.81	4.53	LFFCF	1.90	6.4
DFSAF	1.48	-1.18	AFYKF	1.63	0.83	CFNAF	1.72	2.09	LFAGF	1.84	3.02	IFTVF	1.77	4.75	SFWWF	1.80	7.14
DFVGF	1.68	-0.91	RFCNF	1.68	0.78	YFGNF	1.71	2.13	TFPPF	1.88	2.89	FFASF	1.89	4.17	WFWSF	1.80	7.14
NFHDF	1.48	-1.18	LFETF	1.67	0.79	AFNCF	1.72	2.09	FFCRF	1.75	3.34	HFLCF	1.80	4.58	WFCIF	1.86	6.65
AFGKF	1.57	-1.03	RFKWF	1.57	0.9	AFCQF	1.69	2.17	VFGCF	1.93	2.75	IFNYF	1.84	4.4	TFWLW	1.88	6.51
HFQDF	1.52	-1.1	NFIKF	1.58	0.89	HFMRF	1.69	2.17	HFYAF	1.71	3.52	IFVGF	1.96	3.85	WFLSF	1.91	6.3
TFAEF	1.63	-0.96	QFCRF	1.61	0.86	QFHPF	1.61	2.4	VFVQF	1.70	3.57	NFLIF	1.73	4.94	MFLMF	1.96	6.01
DFWKF	1.66	-0.93	HFDIF	1.68	0.79	CFSGF	1.84	1.83	PFQMF	1.80	3.18	LFYQF	1.80	4.61	FFFAT	1.91	6.34
NFNKF	1.54	-1.08	HFIDF	1.68	0.79	FFKTF	1.73	2.08	AFGFF	1.72	3.48	QFWMF	1.66	5.41	LFTWF	1.88	6.51
EFPNF	1.46	-1.2	GFLKF	1.76	0.72	GFHPF	1.76	2.02	WFRTF	1.73	3.45	YFQIF	1.82	4.48	PFFYF	2.01	5.7
EFPQF	1.51	-1.12	HFEIF	1.67	0.8	VFPRF	1.80	1.93	AFAIF	1.71	3.54	WFQTF	1.82	4.49	WFHWF	1.76	7.49
SFPDF	1.76	-0.82	IFNKF	1.58	0.89	AFLRF	1.63	2.36	QFALF	1.74	3.4	AFYLF	1.75	4.88	YFLLF	1.87	6.63
EFKWF	1.66	-0.92	IFPDF	1.72	0.76	CFLKF	1.82	1.89	NFITF	1.73	3.44	SFWCF	1.71	5.07	FFVYF	1.92	6.3
TFDSF	1.65	-0.93	RFNCF	1.70	0.78	GFMNF	1.73	2.09	IFHNF	1.70	3.58	GFMFF	1.79	4.65	SFFFF	1.91	6.38

IFDRF	1.67	-0.91	IFDHF	1.69	0.79	HFQTF	1.65	2.29	CFPAF	1.92	2.8	WFGTF	1.90	4.11	YFMFF	1.89	6.51
HFDQF	1.52	-1.1	KFRWF	1.58	0.9	PFMRF	1.71	2.14	KFYFF	1.84	3.04	IFAPF	1.95	3.9	FFIPF	1.95	6.11
PFAEF	1.72	-0.85	RFIRF	1.56	0.92	RFHYF	1.68	2.21	MFSSF	1.80	3.17	FFHCF	1.72	5.04	MFWVF	1.87	6.64
TFADF	1.61	-0.97	AFKMF	1.69	0.79	TFRYF	1.74	2.07	YFQPF	1.79	3.22	PPFH	1.75	4.88	WFMVF	1.87	6.64
PFEAF	1.72	-0.85	KFGLF	1.77	0.72	CFAGF	1.87	1.79	VFQPF	1.86	2.97	WFGCF	1.84	4.38	CFVWF	1.97	5.99
NFDCF	1.55	-1.05	DFHLF	1.57	0.92	NFHPF	1.64	2.32	IFSQF	1.77	3.31	RFWLF	1.73	4.95	LFQWF	1.97	5.99
EFQPF	1.50	-1.12	AFRTF	1.62	0.86	VFRCF	1.73	2.09	PFQYF	1.79	3.22	TFWSF	1.76	4.8	CFFIF	1.93	6.27
QFHEF	1.52	-1.09	AFKYF	1.65	0.83	SFQCF	1.68	2.21	WFHRF	1.70	3.59	YFMTF	1.81	4.55	CFMWF	1.94	6.2
AFDPF	1.71	-0.86	RFRIF	1.57	0.92	CFSNF	1.72	2.13	WFKVF	1.81	3.17	WFIRF	1.76	4.82	FFYMF	1.89	6.51
KFNNF	1.52	-1.08	CFRQF	1.63	0.86	AFHAF	1.65	2.31	IFTQF	1.71	3.52	MFGFF	1.79	4.65	CFFLF	1.91	6.4
QFCEF	1.61	-0.96	DFMVF	1.58	0.91	NFYNF	1.61	2.43	QFIPF	1.69	3.63	YFSMF	1.85	4.34	LFIVF	1.93	6.25
AFKGF	1.55	-1.03	HFIEF	1.69	0.8	QFMNF	1.59	2.47	GFIPF	1.78	3.25	IFPHF	1.86	4.29	PFYWF	1.96	6.08
HFEQF	1.51	-1.09	SFGGF	1.86	0.66	GFTCF	1.75	2.04	HFSVF	1.77	3.31	MFYHF	1.78	4.69	VFMIF	2.03	5.67
NFKQF	1.57	-1	VFVEF	1.80	0.71	QFVGF	1.79	1.96	QFSIF	1.77	3.31	HFWCF	1.66	5.42	IFCFF	1.93	6.27
HFENF	1.46	-1.17	PFIEF	1.73	0.77	FFTKE	1.74	2.08	FFQQF	1.70	3.59	VFYHF	1.83	4.48	TFFWF	1.83	6.97
CFNEF	1.54	-1.04	WFRKF	1.60	0.9	QFACF	1.70	2.17	WFEFF	1.70	3.59	SFHWF	1.74	4.94	IFIMF	1.92	6.33
DFIRF	1.65	-0.91	EFHLF	1.58	0.93	AFHSF	1.64	2.35	CFLGF	1.71	3.54	TFAWF	1.77	4.76	IFAWF	1.95	6.13
GFEVF	1.66	-0.9	EFNW	1.50	1.03	GFGIF	1.68	2.24	LFRYF	1.70	3.57	VFWNF	1.71	5.12	WFGWF	1.91	6.45
VFEGF	1.65	-0.9	SFKMF	1.67	0.83	KFCLF	1.82	1.89	QFCMF	1.76	3.34	MFVTF	1.86	4.3	PFLWF	1.88	6.62
GFSKF	1.58	-0.99	VFKTF	1.67	0.83	DFLLF	1.66	2.28	CFCAF	1.87	2.96	PPPYF	1.97	3.85	YFIIF	1.92	6.37
RFLEF	1.78	-0.77	NFNQF	1.56	0.95	SFASF	1.77	2	NFLAF	1.77	3.32	FFCQF	1.85	4.38	IFCW	1.88	6.65
TFESF	1.63	-0.92	MFKSF	1.67	0.83	YFMKF	1.77	2	QFNFF	1.72	3.51	TFPPF	1.78	4.74	FFSWF	1.86	6.76
EFCNF	1.53	-1.04	MFSKF	1.68	0.83	NFSCF	1.72	2.13	MFQPF	1.81	3.18	NFIFF	1.66	5.4	WFFCF	1.80	7.24
DFQCF	1.59	-0.97	KFSMF	1.68	0.83	NFPTF	1.70	2.18	SFSVF	1.87	2.96	WFRLF	1.74	4.95	YFYIF	1.99	5.96
CFEQF	1.59	-0.96	LFTDF	1.73	0.78	MFFEF	1.71	2.17	LFTQF	1.69	3.65	VFPVF	1.89	4.2	LFMLF	1.89	6.59
RFLDF	1.77	-0.78	CFQRF	1.65	0.86	KFAFF	1.86	1.83	MFRIF	1.75	3.4	LFSPF	1.92	4.07	WFSFF	1.87	6.76
KFGTF	1.77	-0.78	QFKIF	1.55	0.97	TFQHF	1.66	2.29	IFQHF	1.68	3.66	HFTFF	1.77	4.77	VFWCF	1.98	5.99
EFWKF	1.63	-0.92	VFTKF	1.68	0.83	NFVQF	1.67	2.26	FFWDF	1.70	3.58	VFCPF	2.00	3.76	FFMVF	1.94	6.26
QFHDF	1.49	-1.1	YFAKF	1.68	0.83	AFQPF	1.77	2.01	HFYHF	1.63	3.91	SFWTF	1.77	4.8	FFCLF	1.92	6.4
GFKSF	1.57	-0.99	MFAKF	1.72	0.79	IFEIF	1.77	2.03	NFGWF	1.72	3.51	CFPVF	2.00	3.76	FFMMF	1.91	6.47
VFGEF	1.64	-0.9	TFDLF	1.73	0.78	PFNSF	1.79	1.97	AFMPF	1.74	3.45	TFFSF	1.84	4.42	WFYVF	1.88	6.68
CFENF	1.53	-1.04	NFQNF	1.57	0.95	TFGCF	1.76	2.04	KFFMF	1.86	3	CFMYF	1.76	4.82	WFCFF	1.80	7.24
TFEAF	1.59	-0.96	IFPEF	1.75	0.77	FFEVF	1.80	1.96	CFRFF	1.76	3.34	TFVYF	1.86	4.34	TFWIF	1.92	6.38
RFELF	1.77	-0.77	TFARF	1.66	0.86	RFHM	1.71	2.17	WFFDF	1.70	3.58	YFFQF	1.72	5.07	CFIFF	1.94	6.27
DFSPF	1.72	-0.82	KFLGF	1.81	0.72	MFNNF	1.63	2.39	KFILF	1.87	2.99	VFGFF	1.84	4.44	LFCWF	1.87	6.78
LFRDF	1.76	-0.78	PFIDF	1.77	0.76	NFNMF	1.63	2.39	IFAGF	1.90	2.89	QFWYF	1.66	5.45	LFWAF	1.94	6.26
NFQKF	1.55	-1	TFKVF	1.69	0.83	NFCSF	1.73	2.13	PFNYF	1.82	3.14	RFLWF	1.74	4.95	WFFSF	1.87	6.76
QFDHF	1.48	-1.1	EFWNF	1.52	1.03	RFFNF	1.60	2.47	AFLQF	1.75	3.4	SFYFF	1.85	4.38	YFYFF	1.90	6.55
DFHQF	1.48	-1.1	TFLDF	1.75	0.78	NFTP	1.71	2.18	MNPF	1.83	3.1	YFGFF	1.79	4.69	YFFWF	1.73	7.93
DFNHF	1.43	-1.18	EFVMF	1.61	0.92	NFYQF	1.59	2.51	NFYVF	1.67	3.74	YFMHF	1.79	4.69	MFMLF	1.98	6.01
KFNQF	1.55	-1	QFQNF	1.52	1.03	PFAQF	1.78	2.01	AFIQF	1.79	3.27	FFQPF	1.89	4.22	FFYIF	1.84	6.96
QFCDF	1.57	-0.97	KFCCF	1.90	0.66	CFTGF	1.77	2.04	LFSNF	1.76	3.36	VFMHF	1.84	4.44	LFMIF	1.91	6.46
QEFCF	1.58	-0.96	DFYVF	1.58	0.95	DFLIF	1.72	2.15	PFVNF	1.90	2.89	IFHPF	1.87	4.29	YFILF	1.91	6.5
KFQNF	1.55	-1	IFHEF	1.73	0.8	NFQYF	1.59	2.51	SFYTF	1.75	3.42	TFPIF	1.90	4.15	VFYWF	1.88	6.68
SFDPF	1.71	-0.82	KFMAF	1.74	0.79	CFMRF	1.67	2.3	PFYSF	1.72	3.53	QFFMF	1.73	5.03	WFPMF	1.98	6.04
KFTGF	1.75	-0.78	PFDF	1.77	0.76	RFPVF	1.82	1.93	AFVCF	1.75	3.4	YFTMF	1.82	4.55	HFFWF	1.83	7.11
LFREF	1.76	-0.77	DFLHF	1.61	0.92	SFCNF	1.73	2.13	PFGYF	1.92	2.84	CFFGF	1.94	4	WFWTF	1.80	7.35
HFQEF	1.48	-1.09	HFLDF	1.61	0.92	QFNVF	1.68	2.26	GFSFF	1.72	3.52	IFPSF	1.95	3.94	IFFVF	1.88	6.71
CFQDF	1.57	-0.97	DFWNF	1.53	1.02	IFIDF	1.78	2.02	MFSHF	1.72	3.52	VFAYF	1.92	4.09	FFWAF	1.88	6.72
EFATF	1.57	-0.96	GFSNF	1.58	0.96	HFNPF	1.66	2.32	TFSYF	1.75	3.42	IFHCF	1.84	4.45	CFMFF	2.03	5.82

QFNKF	1.54	-1	SFTRF	1.63	0.9	HFGTF	1.83	1.91	PFYQF	1.80	3.22	VFGIF	1.98	3.85	LFFAF	2.02	5.88
EFIRF	1.62	-0.9	RFCQF	1.67	0.86	MFEFF	1.72	2.17	VFATF	1.83	3.13	IFWRF	1.77	4.82	VFFCF	2.06	5.61
PFSEF	1.71	-0.81	RFWKF	1.63	0.9	QFSPF	1.77	2.05	CFSCF	1.87	3	GFFIF	1.72	5.1	LFMVF	2.03	5.8
EFRIF	1.62	-0.9	NFKIF	1.64	0.89	NFFRF	1.61	2.47	HFHMF	1.64	3.87	CFLCF	1.79	4.71	MFFVF	1.95	6.26
KFPGF	1.88	-0.67	LFGKF	1.83	0.72	KFFPF	1.71	2.19	HFSMF	1.72	3.52	FFCTF	1.75	4.9	VFYFF	1.95	6.3
SFPEF	1.71	-0.81	AFHRF	1.55	1	IFDIF	1.78	2.02	PFQVF	1.88	2.97	TFFFHF	1.78	4.77	VFWWF	1.93	6.43
RFDLF	1.74	-0.78	VFGRF	1.62	0.92	TFKWF	1.61	2.46	MFCQF	1.77	3.34	GFILF	1.80	4.64	WFSLF	1.95	6.3
SFTEF	1.60	-0.92	DFPLF	1.65	0.89	GFHCF	1.72	2.18	PFAPF	1.99	2.64	PFPMF	1.99	3.81	YFVFF	1.95	6.3
AFPDF	1.65	-0.86	SFRTF	1.64	0.9	PFRMF	1.73	2.14	VFAHF	1.79	3.27	YFWQF	1.66	5.45	WFWCF	1.77	7.62
AFTEF	1.56	-0.96	TFRSF	1.64	0.9	RFYHF	1.70	2.21	RFVLF	1.78	3.32	PFCYF	1.94	4.01	YFLIF	1.92	6.5
LFERF	1.75	-0.77	YFKSF	1.67	0.87	PFYRF	1.72	2.18	YFPQF	1.80	3.22	YFPYF	1.79	4.7	PFLLF	2.04	5.78
SFETF	1.60	-0.92	EFMVF	1.62	0.92	VFSGF	1.68	2.27	GFQFF	1.81	3.21	LFNVF	1.88	4.28	WFTFF	1.86	6.97
DFCQF	1.55	-0.97	GFANF	1.63	0.92	NFCAF	1.75	2.09	AFWGF	1.65	3.86	MFPCF	1.95	3.97	LFLVF	1.94	6.38
SFEPF	1.70	-0.81	IFDPF	1.79	0.76	AFRLF	1.65	2.36	DFFWF	1.71	3.58	PFCMF	1.95	3.97	LFCYF	2.11	5.4
KFLKF	1.58	-0.93	HFARF	1.56	1	HFCGF	1.72	2.18	WFTRF	1.74	3.45	FFAAF	1.91	4.13	VFWMF	1.90	6.64
DFSTF	1.58	-0.93	MFKAF	1.76	0.79	MFRCF	1.67	2.3	AFLNF	1.78	3.32	WFCQF	1.78	4.76	WFIAF	1.98	6.13
PFADF	1.65	-0.86	IFKNF	1.66	0.89	PFQAF	1.79	2.01	LFYRF	1.72	3.57	IFNMF	1.86	4.36	WFCMF	1.97	6.2
EFVGF	1.61	-0.9	TFELF	1.76	0.79	MFKYF	1.80	2	QFVVF	1.72	3.57	RFMWF	1.86	4.37	FFWCF	1.82	7.24
GFVEF	1.61	-0.9	EFPLF	1.65	0.9	RFIAF	1.70	2.23	VFTSF	1.82	3.17	NFWYF	1.68	5.37	WFLTF	1.92	6.51
EFQHF	1.46	-1.09	EFQWF	1.49	1.11	SFWKF	1.69	2.25	KFYWF	1.75	3.42	MFLQF	1.82	4.57	FFVVF	2.00	6.05
DFTSF	1.58	-0.93	DFNW	1.55	1.02	EFWYF	1.58	2.59	CFCTF	1.81	3.21	NFFYF	1.74	4.99	PFMWF	2.00	6.04
DFTAF	1.55	-0.97	QFIKF	1.59	0.97	PFSNF	1.81	1.97	QFMPF	1.82	3.18	YFLSF	1.76	4.92	WFMPF	2.00	6.04
DFATF	1.54	-0.97	QFNQF	1.55	1.03	TFTNF	1.77	2.07	IFNTF	1.75	3.44	AFWCF	1.74	5.03	LFWCF	1.89	6.78
QFKNF	1.52	-1	PFEIF	1.79	0.77	FFRGF	1.73	2.17	FFQGF	1.81	3.21	LFCTF	1.85	4.44	WFLHF	1.91	6.65
NFKNF	1.46	-1.08	TFSRF	1.65	0.9	YFQGF	1.71	2.21	VFSSF	1.89	2.96	CFFNF	1.88	4.3	YFMWF	1.87	6.89
SFDTF	1.57	-0.93	GFRVF	1.64	0.92	KFYYF	1.78	2.04	TFRWF	1.75	3.45	TFWAF	1.79	4.76	HFWWF	1.80	7.49
EFPAF	1.64	-0.85	RFQCF	1.69	0.86	HFPGF	1.79	2.02	MFTSF	1.77	3.38	PFISF	1.96	3.94	MFIIF	1.96	6.33
DFGVF	1.59	-0.91	AFFDF	1.58	0.99	CFRVF	1.76	2.09	YFRIF	1.75	3.44	GFVWF	1.77	4.82	WFVCF	2.01	5.99
EFNCF	1.48	-1.04	DFCIF	1.64	0.92	MFHRF	1.73	2.17	AFHYF	1.73	3.52	MMFTF	1.83	4.51	VFWIF	1.85	7.09
EFNHF	1.40	-1.17	KFMSF	1.73	0.83	LFARF	1.66	2.36	MFLRF	1.73	3.53	VFYCF	1.81	4.61	LFYLF	1.91	6.63
KFKLF	1.57	-0.93	TFVKF	1.73	0.83	FFRNF	1.62	2.47	SFMTF	1.77	3.38	YFLNF	1.83	4.53	FFTFF	1.92	6.59
AFPEF	1.64	-0.85	LFTEF	1.77	0.79	SFTQF	1.83	1.94	PFFRF	1.82	3.18	YFNLF	1.83	4.53	PFWIF	1.94	6.49
LFKKF	1.57	-0.93	HFRAF	1.58	1	HFKFF	1.71	2.22	IFNSF	1.81	3.23	CFLAF	1.90	4.19	FFTWF	1.87	6.97
DFQHF	1.44	-1.1	DFFSF	1.55	1.03	RFTYF	1.77	2.07	FFEFFF	1.81	3.21	CFISF	1.93	4.1	FFWPF	1.86	7.08
LFDRF	1.71	-0.78	IFEPF	1.80	0.77	TFKFF	1.77	2.08	RFLMF	1.73	3.53	FFRFF	1.74	5.03	LFYFF	1.85	7.09
DFHNF	1.38	-1.18	EFLPF	1.67	0.9	RFCVF	1.76	2.09	SFLQF	1.75	3.44	QFMFF	1.74	5.03	WFPIF	1.94	6.49
EFGVF	1.58	-0.9	RFTSF	1.67	0.9	NFQVF	1.70	2.26	HFYSF	1.72	3.56	FFWRF	1.68	5.41	LFFFV	1.89	6.84
EFPSF	1.67	-0.81	SFMKF	1.74	0.83	YFDFF	1.72	2.2	YFHAF	1.73	3.52	WFPGF	1.90	4.22	CFLFF	1.95	6.4
HFADF	1.64	-0.83	DFVYF	1.62	0.95	SFAAF	1.82	1.96	PPPHF	1.87	3.03	VFMSF	1.93	4.09	YFFIF	1.87	6.96
EFCQF	1.53	-0.96	RFATF	1.71	0.86	QFCSF	1.72	2.21	YFPNF	1.84	3.14	WFSSF	1.82	4.59	WFTWF	1.82	7.35
GFVDF	1.57	-0.91	EFAFF	1.58	1	QFNYY	1.61	2.51	LFewf	1.84	3.13	YFVT	1.87	4.34	CFWFF	1.84	7.24
PFSDF	1.65	-0.82	SFYKF	1.70	0.87	EFLLF	1.69	2.29	YFCGF	1.88	3	TFFAF	1.86	4.38	YIFFF	1.87	6.96
DFCNF	1.46	-1.05	AFGNF	1.65	0.92	WFKSF	1.70	2.25	PFGMF	1.95	2.8	GFLFF	1.71	5.23	LFWTF	1.94	6.51
EFHNF	1.38	-1.17	NFDWF	1.57	1.02	AVGFG	1.71	2.23	GFTLF	1.80	3.27	NFWCF	1.80	4.68	LFVIF	1.98	6.25
TFKGF	1.69	-0.78	LFRRF	1.55	1.05	NFNYF	1.64	2.43	IFRYF	1.76	3.44	SFWHF	1.76	4.94	CFWIF	1.92	6.65
AFTDF	1.51	-0.97	YFSKF	1.70	0.87	PFRYF	1.73	2.18	FFEWF	1.72	3.59	WFSHF	1.76	4.94	MFMFF	1.95	6.47
RFRNF	1.45	-1.05	GFGHF	1.58	1.01	EFWVF	1.67	2.34	SFMHF	1.74	3.52	IFYQF	1.84	4.48	LFFYF	1.86	7.09
HFAEF	1.64	-0.82	RFHAF	1.59	1	QFPSF	1.79	2.05	MFKWF	1.77	3.38	VFVAF	1.99	3.84	MFMWF	1.89	6.85
AFDTF	1.51	-0.97	GFNSF	1.62	0.96	GFCHF	1.73	2.18	GFLHF	1.76	3.41	MFLGF	1.91	4.19	IFMIF	1.97	6.33
PFDSF	1.64	-0.82	AFNGF	1.66	0.92	DFIFF	1.58	2.61	YFQCF	1.77	3.38	VFNFF	1.79	4.74	IFLVF	1.98	6.25

AFETF	1.51	-0.96	NFLKF	1.57	1.02	FFEMF	1.74	2.17	RFTWF	1.75	3.45	CFPIF	1.86	4.42	FFLYF	1.86	7.09
KFQQF	1.54	-0.92	AFDFF	1.60	0.99	NFCHF	1.62	2.48	WFKYF	1.76	3.42	TFYMF	1.83	4.55	FFFSF	1.96	6.38
QFQKF	1.54	-0.92	NFQQF	1.57	1.03	RFYTF	1.78	2.07	HFHVF	1.70	3.66	VFISF	1.83	4.54	LFAWF	1.98	6.26
GFTKF	1.67	-0.78	NFKLF	1.58	1.02	NFMNF	1.65	2.39	VFHHF	1.70	3.66	NFLLF	1.74	5.07	CFWLF	1.91	6.78
EFAPF	1.60	-0.85	EFICF	1.65	0.93	FFGRF	1.74	2.17	SFYHF	1.73	3.56	WFHSF	1.76	4.94	LFLYF	1.93	6.63
PFESF	1.64	-0.81	DFLPP	1.69	0.89	IFRAF	1.71	2.23	IFYRF	1.76	3.44	YFVAF	1.93	4.09	MFYFF	1.95	6.51
EFTAF	1.50	-0.96	NFGAF	1.66	0.92	AFSAF	1.83	1.96	TFNIF	1.76	3.44	VFPFM	1.86	4.41	PFIWF	1.95	6.49
QFEHF	1.41	-1.09	EFYVF	1.63	0.96	FFDYF	1.73	2.2	AFFQF	1.66	3.86	CFHIF	1.86	4.45	FFLCF	1.97	6.4
EFTSF	1.53	-0.92	GFHGF	1.59	1.01	PFQHF	1.65	2.4	HFVHF	1.71	3.66	CFITF	1.89	4.31	FFCWF	1.85	7.24
TFGKF	1.66	-0.78	EFCIF	1.66	0.93	FFRQF	1.60	2.55	QFYMF	1.63	4.03	LFRWF	1.76	4.95	IFCLF	2.06	5.81
DFPSF	1.62	-0.82	NFSGF	1.63	0.96	GFCPF	1.75	2.15	TFYSF	1.76	3.42	IFQMF	1.86	4.44	YFLMF	2.02	6.05
DFAPF	1.58	-0.86	SFRHF	1.57	1.04	CFYRF	1.68	2.34	QFCIF	1.68	3.79	MFQIF	1.86	4.44	WFYIF	1.84	7.34
HFDAF	1.60	-0.83	AFFEF	1.60	1	GFVSF	1.70	2.27	RFSWF	1.81	3.24	VFYPF	1.86	4.45	YFWYF	1.89	6.93
DFPAF	1.57	-0.86	QFAGF	1.60	1	IFRSF	1.70	2.27	CFTP佛	1.87	3.05	QFFYF	1.74	5.07	LFWVF	1.85	7.22
RFNRF	1.42	-1.05	DFAFF	1.61	0.99	RFISF	1.70	2.27	IFHQF	1.71	3.66	VFGWF	1.79	4.82	YFLFF	1.87	7.09
QFKQF	1.52	-0.92	NFWDF	1.59	1.02	FFYEF	1.72	2.21	VFQCF	1.85	3.13	IFQVF	1.91	4.23	FFAFF	1.98	6.34
TFTDF	1.72	-0.72	DFFAF	1.61	0.99	AFTTF	1.65	2.42	YFRLF	1.73	3.57	AFCFF	1.82	4.65	YFWFF	1.77	7.93
KFNAF	1.70	-0.73	AFRHf	1.60	1	MFCRF	1.69	2.3	TFSMF	1.78	3.38	CFLHF	1.83	4.58	FFTIF	2.04	6
DFRLF	1.65	-0.78	KFAYF	1.76	0.83	HFSSF	1.66	2.39	SFINF	1.82	3.23	YFLHF	1.71	5.27	FFFCF	1.91	6.86
HFEAF	1.61	-0.82	LHFDF	1.67	0.92	PFNAF	1.85	1.93	LFAQF	1.77	3.4	HFHWF	1.71	5.29	FFIAF	2.08	5.75
KFANF	1.69	-0.73	LFEHF	1.67	0.93	KFIVF	1.73	2.2	VFHSF	1.80	3.31	PFQFF	1.91	4.22	WFMYF	1.90	6.89
CFEAF	1.74	-0.69	RFTAF	1.73	0.86	PFHGF	1.81	2.02	CFHCF	1.79	3.35	FFYGF	1.81	4.69	WFTLF	1.96	6.51
EFSPF	1.60	-0.81	LFHEF	1.67	0.93	CFNSF	1.76	2.13	TFINF	1.76	3.44	IFYGF	1.94	4.1	LFWPF	1.94	6.62
RFQRF	1.46	-0.97	RFLRF	1.57	1.05	PFQSF	1.79	2.05	SFRWF	1.82	3.24	IFIGF	1.85	4.51	LFPFF	2.00	6.24
EFSTF	1.50	-0.92	SFKYF	1.72	0.87	FFKHF	1.72	2.22	SFVSF	1.90	2.96	TFLPF	1.90	4.28	LFLLF	1.87	7.17
SFDHF	1.62	-0.79	PFLDF	1.71	0.89	EFMFF	1.75	2.17	LFRVF	1.80	3.32	AFFVF	1.74	5.09	LFYIF	1.96	6.5
EFRLF	1.64	-0.77	GFVRF	1.68	0.92	MFGGF	1.92	1.79	TFAYF	1.78	3.38	WFHHF	1.71	5.29	CFIWF	1.94	6.65
GFKPF	1.76	-0.67	KFTVF	1.77	0.83	PFTNF	1.74	2.18	WFLDF	1.85	3.12	AFYFF	1.70	5.34	VFMWF	1.94	6.64
EFHQF	1.37	-1.09	QFGAF	1.61	1	RFYPF	1.74	2.18	NFHIF	1.73	3.58	SFTWF	1.79	4.8	CFFFF	1.91	6.86
GFKTF	1.62	-0.78	GFNAF	1.68	0.92	CFANF	1.78	2.09	YFSSF	1.83	3.21	YFAMF	1.89	4.3	WFALF	2.00	6.26
TFEPF	1.84	-0.6	VFDYF	1.65	0.95	TFCGF	1.80	2.04	YFCNF	1.80	3.3	FFYQF	1.74	5.07	WFFYF	1.78	7.93
HFSDF	1.60	-0.79	KFSYF	1.73	0.87	QFYNF	1.63	2.51	SFTMF	1.78	3.38	VFLQF	1.88	4.36	IFVFF	1.93	6.71
DFLRF	1.61	-0.78	HFDLF	1.68	0.92	IFLDF	1.76	2.15	VFGYF	1.77	3.44	LFHPF	1.87	4.42	FFLMF	1.89	7.05
CFDAF	1.70	-0.7	RFSTF	1.70	0.9	AFQCF	1.75	2.17	WFRPF	1.74	3.56	HFFPF	1.78	4.88	FFFPP	1.94	6.7
AFEHF	1.57	-0.82	GFGTF	1.73	0.87	FFMEF	1.75	2.17	WFWEF	1.64	3.97	WFCGF	1.88	4.38	FFFYF	1.82	7.55
RFRQF	1.44	-0.97	RFRLF	1.58	1.05	FFKPF	1.74	2.19	TFQIF	1.75	3.52	LFPHF	1.87	4.42	YFWLF	1.83	7.47
QFRRF	1.44	-0.97	EFWQF	1.54	1.11	YFPRF	1.74	2.18	YFTAF	1.78	3.38	LFPSF	1.95	4.07	WFIMF	1.86	7.3
SFEHF	1.60	-0.78	NFWEF	1.60	1.03	YFNFF	1.65	2.43	AFMAF	1.86	3.09	WFTHF	1.73	5.15	YFVWF	1.94	6.68
EFLRF	1.61	-0.77	KFLNF	1.60	1.02	LFIDF	1.76	2.15	HFAYF	1.75	3.52	GFLIF	1.83	4.64	FFMLF	1.89	7.05
TFDTF	1.66	-0.72	LFDHF	1.69	0.92	IFVKF	1.74	2.2	CFQYF	1.78	3.38	AFMLF	1.79	4.84	IFYIF	1.99	6.37
AFDCF	1.68	-0.7	YFKAF	1.78	0.83	HFKWF	1.60	2.6	KFWMF	1.78	3.38	CFALF	1.92	4.19	IFWMF	1.86	7.3
PFGKF	1.72	-0.67	KFVTF	1.78	0.83	KFWSF	1.72	2.25	QFFSF	1.66	3.9	GFFYF	1.82	4.69	WFPWF	1.84	7.46
YFGEF	1.74	-0.65	SFFDF	1.60	1.03	NFTCF	1.69	2.34	FFIKF	1.76	3.45	MFMCF	1.80	4.78	IFWCF	1.95	6.65
NFRRF	1.37	-1.05	WFNEF	1.60	1.03	FFMDf	1.75	2.16	RFWPf	1.74	3.56	SFWAF	1.85	4.55	IFWVF	1.89	7.09
RGGGF	1.69	-0.69	GFQAF	1.62	1	AFHTF	1.61	2.56	NFVMF	1.70	3.7	YFTYF	1.84	4.59	FFMYF	1.97	6.51
DFHAF	1.54	-0.83	SFGNF	1.66	0.96	DFFIF	1.60	2.61	QFWQF	1.65	3.97	WFQCF	1.81	4.76	VFILF	2.01	6.25
KFGPF	1.71	-0.67	VFDMF	1.70	0.91	GFPPF	1.83	1.99	TFMSF	1.78	3.38	NFWMF	1.71	5.33	YFWIF	1.86	7.34
HFDSF	1.57	-0.79	GFTGF	1.74	0.87	TFHNF	1.74	2.21	YFCQF	1.78	3.38	PFVPF	2.08	3.6	IFFCF	2.01	6.27
CFADF	1.67	-0.7	HFLEF	1.69	0.93	KFYMF	1.83	2	SFAMF	1.85	3.13	FFCGF	1.97	4	FFLPF	2.02	6.24
MFGDF	1.66	-0.7	GFQSF	1.60	1.04	LFRSF	1.67	2.4	SFMAF	1.85	3.13	GFFVF	1.87	4.44	CFWMF	2.02	6.2

KFNSF	1.68	-0.69	QFQQF	1.54	1.11	AFTSF	1.74	2.21	TFVAF	1.85	3.13	FFTAF	1.88	4.38	YFWMF	1.92	6.89
HFGKF	1.74	-0.64	EFVYF	1.66	0.96	EFLF	1.76	2.16	MFPNF	1.77	3.45	CFWSF	1.75	5.07	CFFYF	2.08	5.86
CFSEF	1.72	-0.65	HFRSF	1.60	1.04	AFTHF	1.61	2.56	NFLHF	1.70	3.71	WFRIF	1.80	4.82	WFFPF	1.90	7.08
YFGDF	1.71	-0.66	HFSRF	1.60	1.04	HFCNF	1.64	2.48	TFCCF	1.83	3.21	GFIIF	1.86	4.51	FFCIF	2.02	6.27
GFPKF	1.70	-0.67	LFKNF	1.61	1.02	SFIRF	1.72	2.27	KFWYF	1.77	3.42	PFCIF	1.88	4.42	PFFWF	1.90	7.08
TFDPF	1.78	-0.61	PFRAF	1.66	0.97	TFSTF	1.65	2.46	IFNHF	1.73	3.58	WFFRF	1.70	5.41	LFHWF	1.96	6.65
DFAHF	1.52	-0.83	AFGQF	1.63	1	CFGHF	1.75	2.18	GFYYF	1.71	3.69	AFPW	1.79	4.87	WFLMF	1.85	7.43
PFKGF	1.69	-0.67	APPRF	1.66	0.97	RFPFM	1.77	2.14	VFNCF	1.88	3.05	WFSTF	1.80	4.8	WFVFF	1.82	7.68
KFSNF	1.67	-0.69	NFEWF	1.61	1.03	SFSSF	1.81	2.04	EFWFF	1.73	3.59	FFSTF	1.88	4.42	WFSWF	1.89	7.14
SFHDF	1.56	-0.79	DFLCF	1.60	1.05	HFRLF	1.56	2.75	KFLLF	1.86	3.12	YFCVF	1.84	4.61	FFIVF	1.95	6.71
GFDMF	1.65	-0.7	HFEFL	1.70	0.93	LFLDF	1.71	2.28	IFQSF	1.80	3.31	CFLTF	1.87	4.44	FFFFF	1.96	6.7
GFEMF	1.66	-0.69	HFKVF	1.66	0.97	QFCTF	1.66	2.42	GFYMF	1.72	3.65	AFIMF	1.82	4.71	FFIYF	1.92	6.96
SFCDF	1.70	-0.66	RFVGF	1.71	0.92	IFARF	1.74	2.23	CFNYF	1.81	3.3	IFIQF	1.79	4.89	FFCMF	2.10	5.82
HFSEF	1.56	-0.78	NFGSF	1.67	0.96	KFAWF	1.74	2.21	VFPNF	1.93	2.89	NFLF	1.78	4.94	WFIVF	1.90	7.09
DFACF	1.65	-0.7	MFVDF	1.72	0.91	MFNQF	1.65	2.47	GFFAF	1.76	3.48	MFMHF	1.83	4.65	WFIPF	1.99	6.49
AFDHF	1.51	-0.83	CFDIF	1.71	0.92	RFMCF	1.71	2.3	QFVCF	1.86	3.13	FFTTF	1.84	4.63	WFIYF	1.87	7.34
KFVRF	1.61	-0.73	KFYAF	1.80	0.83	MFRPF	1.77	2.14	CFGYF	1.90	3	MFNIF	1.89	4.36	MFLLF	1.98	6.59
AFCDF	1.65	-0.7	HFKVF	1.67	0.97	SFHAF	1.69	2.35	MFNCF	1.82	3.26	QFFF	1.69	5.48	IFILF	1.93	6.91
CFAEF	1.66	-0.69	TFGGF	1.76	0.87	SFATF	1.74	2.21	TFYTF	1.72	3.63	AMIF	1.82	4.71	FFYWF	1.80	7.93
SFKNF	1.65	-0.69	EFFSF	1.61	1.04	NFRWF	1.54	2.85	NFNWF	1.68	3.81	MFPPF	2.03	3.81	LFLIF	1.91	7.04
TFETF	1.63	-0.71	CFIDF	1.71	0.92	QFHCF	1.62	2.56	GFPLF	1.79	3.38	HFPIF	1.91	4.29	FFPLF	2.03	6.24
SFHEF	1.55	-0.78	MFVEF	1.71	0.92	SFCQF	1.75	2.21	AFTVF	1.86	3.13	RFFFF	1.76	5.03	VFIIF	2.05	6.12
PFTDF	1.75	-0.61	LFNKF	1.63	1.02	SFKWF	1.73	2.25	KFFIF	1.77	3.45	QFVWF	1.73	5.2	FFIMF	1.93	6.92
MFDGF	1.63	-0.7	YFDVF	1.69	0.95	KFFCF	1.70	2.35	AFPVF	1.83	3.24	VFMFT	1.91	4.3	IFVWF	1.91	7.09
CFSDF	1.68	-0.66	WFDNF	1.63	1.02	KFMMF	1.86	1.96	LFHGF	1.78	3.41	WFAHF	1.79	4.9	LFYWF	1.86	7.47
NFKAF	1.60	-0.73	IFCDF	1.72	0.92	KFWAF	1.75	2.21	MFASF	1.86	3.13	HFLPF	1.88	4.42	IFYLF	2.00	6.5
SFECF	1.69	-0.65	DFWQF	1.57	1.1	SFSTF	1.73	2.25	VFTA	1.86	3.13	YFGLF	1.92	4.23	WFYFF	1.81	7.93
SFDCF	1.68	-0.66	QFSGF	1.62	1.04	GFMSF	1.65	2.48	AFLAF	1.72	3.67	PFYVF	1.88	4.45	IFLFF	1.86	7.5
EFAHF	1.50	-0.82	RFGVF	1.72	0.92	GFAVF	1.74	2.23	RFMIF	1.78	3.4	IFNVF	1.94	4.15	LFWMF	1.87	7.43
NFKSF	1.64	-0.69	VFRGF	1.72	0.92	HFTNF	1.75	2.21	PFMQF	1.84	3.18	VFLSF	1.83	4.67	WFPFF	1.92	7.08
TFTEF	1.61	-0.71	SFNGF	1.69	0.96	WFHKF	1.61	2.6	HFMAF	1.76	3.48	NFVFF	1.82	4.74	WFVVF	2.02	6.43
AFHDF	1.49	-0.83	LFPDF	1.75	0.89	RFNFF	1.66	2.47	MFHHF	1.67	3.87	HFIVF	1.79	4.89	TFWFF	1.94	6.97
DFSHF	1.53	-0.79	YFVEF	1.69	0.96	DFILF	1.78	2.15	PFPPF	1.90	3	WFRWF	1.65	5.79	WFLAF	2.04	6.26
EFACF	1.63	-0.69	AFRCF	1.56	1.13	HFAAF	1.71	2.31	SFAYF	1.85	3.17	CFIAF	1.97	4.06	FFLTF	2.07	6.13
YFDGF	1.67	-0.66	DFICF	1.73	0.92	RFVCF	1.80	2.09	GFTFF	1.71	3.73	PFTFF	1.82	4.74	PFWWF	1.87	7.46
TFPEF	1.74	-0.6	YFVDF	1.70	0.95	HFSAF	1.70	2.35	LFNTF	1.74	3.57	IFGIF	1.87	4.51	MFFLF	1.93	7.05
PFDTF	1.73	-0.61	AFRPF	1.68	0.97	AFVNF	1.64	2.53	QFLTF	1.73	3.65	WFSAF	1.86	4.55	LFIYF	2.01	6.5
DFGMF	1.61	-0.7	AFQGF	1.66	1	KFHFF	1.75	2.22	NFLHF	1.71	3.71	AFVLF	1.84	4.63	WFWPFF	1.87	7.46
GFMEF	1.62	-0.69	QFGSF	1.63	1.04	FFEYF	1.75	2.21	QFIHF	1.72	3.66	PFQWF	1.85	4.6	IFFMF	1.95	6.92
RFKVF	1.58	-0.73	AFNQF	1.46	1.3	TFSAF	1.75	2.21	GFVMF	1.79	3.4	HFAWF	1.79	4.9	CFFWF	1.90	7.24
AFHEF	1.49	-0.82	EFFAF	1.66	1	QFVQF	1.70	2.34	LFHNF	1.71	3.71	NFMFF	1.78	4.95	PFWFF	1.93	7.08
RFVKF	1.57	-0.73	TFRTF	1.58	1.11	QFPTF	1.73	2.26	RFLVF	1.81	3.32	MFSMF	1.91	4.3	FFFVF	1.90	7.3
HFESF	1.52	-0.78	WFENF	1.64	1.03	QFQYF	1.62	2.59	WFMKF	1.79	3.38	FFQVF	1.81	4.82	MFVWF	1.99	6.64
MGEF	1.62	-0.69	VFKHF	1.69	0.97	VFWDF	1.71	2.33	AFVPF	1.83	3.24	MFIHF	1.76	5.1	WFAIF	2.07	6.13
EFHAF	1.48	-0.82	QFWEF	1.58	1.11	MFQNF	1.66	2.47	SFQLF	1.78	3.44	IFTAF	2.04	3.79	LFCFF	2.03	6.4
KFQAF	1.66	-0.65	RFPSF	1.66	1.01	SFNCF	1.79	2.13	YFGCF	1.91	3	SFVIF	1.86	4.54	MFIAF	1.95	6.92
DFHSF	1.51	-0.79	VFMDF	1.75	0.91	WFEVF	1.71	2.34	QFNWF	1.67	3.89	MFFNF	1.78	4.95	YFFF	1.87	7.55
KFRVF	1.56	-0.73	KFAMF	1.88	0.79	TFQPF	1.74	2.26	AFSIF	1.74	3.58	IFCAF	1.97	4.06	YFIWF	1.90	7.34
EFHSF	1.51	-0.78	KFNIF	1.77	0.89	NFPHF	1.71	2.32	CFWRF	1.71	3.72	GFYWF	1.76	5.07	YFLWF	1.88	7.47
DFMGF	1.60	-0.7	GFAQF	1.67	1	IFELF	1.78	2.16	GFQWF	1.74	3.59	PFHLF	1.89	4.42	CFLWF	1.98	6.78

MFEGF	1.61	-0.69	NFNAF	1.51	1.22	GFCTF	1.83	2.04	PFVSF	1.82	3.28	CFHLF	1.86	4.58	LFMFF	1.94	7.05
AFNKF	1.56	-0.73	KFYSF	1.79	0.87	QFMQF	1.64	2.55	HFLGF	1.79	3.41	LFLGF	1.82	4.77	FFPIF	2.08	6.11
GFMDF	1.59	-0.7	RFAHF	1.68	1	GFVAF	1.75	2.23	HFCCF	1.80	3.35	PFSIF	2.00	3.94	VFLFF	1.97	6.84
AFCEF	1.60	-0.69	EFLCF	1.63	1.06	PFNHF	1.72	2.32	GSLSL	1.89	3.06	SFHFF	1.86	4.56	VFIWF	1.94	7.09
SFQKF	1.71	-0.61	TFTRF	1.59	1.11	LFDLF	1.73	2.28	KFVWF	1.86	3.17	HFVMF	1.89	4.44	LFLMF	2.01	6.59
DFCAF	1.59	-0.7	FFDSF	1.65	1.03	SFPQF	1.83	2.05	NFVVF	1.77	3.49	CFVYF	1.85	4.61	FFYL	1.94	7.09
RFARF	1.59	-0.7	DFQWF	1.60	1.1	AFATF	1.78	2.17	HFGLF	1.79	3.41	GFWYF	1.77	5.07	IFPWF	2.03	6.49
TFPDF	1.70	-0.61	LFPEF	1.77	0.9	SFSAF	1.85	2	SFQIF	1.82	3.31	QFWVF	1.75	5.2	MFWMF	1.97	6.85
GFEYF	1.65	-0.65	GFNTF	1.55	1.17	YFQQF	1.63	2.59	VFSHF	1.82	3.31	PFFSF	1.87	4.53	VFLWF	1.92	7.22
AEFCF	1.60	-0.69	VFHKF	1.70	0.97	CFTNF	1.71	2.34	QFTIF	1.76	3.52	LFAYF	1.80	4.88	WFICF	2.00	6.65
CFDSF	1.63	-0.66	WFNDF	1.66	1.02	SFTSF	1.75	2.25	CFTCF	1.85	3.21	VFTYF	1.91	4.34	FFTTL	2.09	6.13
SFCEF	1.64	-0.65	IFEKF	1.74	0.93	CFVRF	1.81	2.09	IFMRF	1.79	3.4	YFHIF	1.76	5.14	LFWYF	1.89	7.47
CFESF	1.64	-0.65	EFCLF	1.63	1.06	QFRFF	1.64	2.55	WFVKF	1.86	3.17	VFHVF	1.94	4.23	WFWVF	1.82	8.06
GFDYF	1.62	-0.66	VFYDF	1.73	0.95	TFASF	1.76	2.21	WFFEF	1.75	3.59	LFSVF	1.84	4.67	WFAWF	1.94	7.1
GFYEF	1.63	-0.65	MFDVF	1.76	0.91	YFGQF	1.76	2.21	PFMFG	1.98	2.8	MFMAF	1.93	4.26	FFAWF	2.00	6.72
NFSKF	1.58	-0.69	VFYEF	1.72	0.96	NFYGF	1.80	2.13	FFDW	1.75	3.58	VFQFF	1.82	4.82	IFMFF	1.97	6.92
NFAKF	1.54	-0.73	QFWDF	1.61	1.1	RFGFF	1.78	2.17	YFSHF	1.75	3.56	NFVWF	1.76	5.12	WFFMF	1.85	7.89
HKGKF	1.64	-0.64	IFKQF	1.71	0.97	CFQTF	1.69	2.42	QFITF	1.76	3.52	HFCFF	1.78	5.04	IFMW	1.92	7.3
SFNKF	1.58	-0.69	IFCEF	1.75	0.93	YFNQF	1.66	2.51	YFYNF	1.66	3.99	HFIMF	1.77	5.1	FFWMF	1.85	7.89
PFDPF	1.85	-0.5	YFEVF	1.72	0.96	SFTAF	1.77	2.21	MFQCF	1.81	3.34	CFQFF	1.91	4.38	WFMMF	1.99	6.85
VFKRF	1.53	-0.73	PFLEF	1.78	0.9	HFAHF	1.60	2.7	TFMHF	1.71	3.73	PFHIF	1.93	4.29	FFMW	1.85	7.89
EFSHF	1.48	-0.78	TKYF	1.63	1.08	KFTFF	1.82	2.08	RFIYF	1.78	3.44	NFIIF	1.82	4.81	FFVL	1.99	6.84
EFCAF	1.57	-0.69	EFSFF	1.66	1.04	AFVQF	1.63	2.61	CFNMF	1.83	3.26	HFVLF	1.78	5.02	IFWYF	1.92	7.34
KFQSF	1.67	-0.61	RFHSF	1.66	1.04	QFTP	1.75	2.26	WFGNF	1.77	3.51	IFHMF	1.77	5.1	FFVMF	2.08	6.26
DFTTF	1.54	-0.72	QFEWF	1.60	1.11	CFNTF	1.72	2.34	ISGF	1.93	2.93	AFYIF	1.83	4.75	YFLFL	1.95	7.09
KFGHF	1.63	-0.64	LFQKF	1.61	1.1	VFKIF	1.77	2.2	LFFKF	1.75	3.58	IFGYF	1.97	4.1	LFIIF	1.98	6.91
KFHGF	1.63	-0.64	FFESF	1.66	1.04	CFQSF	1.77	2.21	SFHM	1.77	3.52	VFHYF	1.89	4.48	WFMIF	1.93	7.3
NFVEF	1.68	-0.6	MFEVF	1.76	0.92	WFYDF	1.64	2.58	RFIMF	1.80	3.4	YFSVF	1.97	4.13	FFYFF	1.90	7.55
PFTEF	1.68	-0.6	NFAGF	1.76	0.92	CFHGF	1.78	2.18	CFGMF	1.93	2.96	AFLCF	1.95	4.19	VFFF	2.02	6.71
KFAQF	1.61	-0.65	KFIQF	1.72	0.97	AFYQF	1.56	2.86	TFIQF	1.77	3.52	FFHPF	1.81	4.88	LFFMF	1.97	7.05
AFKNF	1.52	-0.73	IFQKF	1.72	0.97	MFKIF	1.69	2.41	IPPGF	1.84	3.25	AFWPF	1.81	4.87	FFWVF	1.89	7.68
GFRGF	1.56	-0.69	VFEYF	1.73	0.96	WFKAF	1.77	2.21	RFHW	1.75	3.59	SFVF	1.76	5.13	LFVL	2.07	6.38
EFCSF	1.61	-0.65	PFDLF	1.80	0.89	GFRWF	1.65	2.55	TFTVF	1.80	3.38	IFACF	1.98	4.06	WFVIF	1.97	7.09
DFTPF	1.66	-0.61	QFDWF	1.62	1.1	CFGAF	1.97	1.79	AFFNF	1.71	3.78	GFWMF	1.78	5.03	FFVIF	2.02	6.71
EFGYF	1.60	-0.65	EFYMF	1.57	1.17	FFNRF	1.67	2.47	RFWCF	1.72	3.72	YFTVF	1.92	4.34	VFWFF	1.89	7.68
EFTTF	1.53	-0.71	DFYMF	1.57	1.16	YFRPF	1.78	2.18	WFQQF	1.66	3.97	PFMYF	1.85	4.66	WFLPF	2.04	6.62
YFEGF	1.60	-0.65	GFSQF	1.66	1.04	AFPSF	1.73	2.32	FFWEF	1.75	3.59	QFILF	1.79	5.02	WFAFF	2.02	6.72
QFKAF	1.60	-0.65	WFEQF	1.61	1.11	QFTCF	1.69	2.42	HFHYF	1.68	3.91	VFSIF	1.88	4.54	MFWFF	1.87	7.89
NFVDF	1.65	-0.61	WFQDF	1.62	1.1	PPKFF	1.78	2.19	GFVVF	1.86	3.19	TFLYF	1.77	5.13	WFYLF	1.92	7.47
NFDVF	1.65	-0.61	CFIEF	1.76	0.93	NFPPF	1.74	2.29	TFSIF	1.70	3.83	MFNWF	1.73	5.33	TFWWF	1.94	7.35
DFSCF	1.58	-0.66	DFCLF	1.66	1.05	SFGVF	1.75	2.27	IFGHF	1.83	3.28	NFFIF	1.72	5.4	WFLLF	1.86	8.01
EFGMF	1.54	-0.69	VFMED	1.77	0.92	CFRYF	1.72	2.34	RFYIF	1.79	3.44	VFQWF	1.76	5.2	WFCLF	2.02	6.78
EFPTF	1.65	-0.6	AFNNF	1.54	1.22	WFVEF	1.72	2.34	TFVTF	1.81	3.38	TFYYF	1.87	4.59	WFLVF	1.96	7.22
EFSCF	1.58	-0.65	TFYKF	1.64	1.08	PFGCF	1.80	2.15	WFCRF	1.72	3.72	CFYVF	1.86	4.61	LFWFF	1.81	8.47
KFSQF	1.63	-0.61	RFAPF	1.73	0.97	GFVHF	1.63	2.62	GFWQF	1.75	3.59	TFTFF	1.86	4.63	MFWL	1.93	7.43
KFGCF	1.79	-0.51	FFEAF	1.70	1	AFGMF	1.69	2.44	VFVN	1.78	3.49	VFMAF	1.99	4.05	IFFYF	2.00	6.96
EFMGF	1.53	-0.69	WFDQF	1.62	1.1	GFAMF	1.69	2.44	SFVC	1.79	3.44	IFPCF	1.90	4.42	FFWIF	1.83	8.34
GFKHF	1.59	-0.64	PFEFL	1.80	0.9	IFDLF	1.80	2.15	LGTF	1.84	3.27	WFAAF	1.89	4.51	VFLFL	2.02	6.84
PFPDF	1.80	-0.5	AFEFF	1.70	1	MFGQF	1.79	2.17	VFSTF	1.87	3.17	IFCTF	1.93	4.31	FFIFF	1.87	7.96
HFTEF	1.68	-0.57	KFQIF	1.73	0.97	LFEIF	1.80	2.16	WFQNF	1.68	3.89	IFNIF	1.83	4.81	WFLCF	2.03	6.78

EFTPF	1.64	-0.6	FFADDF	1.72	0.99	KFWTF	1.69	2.46	HFMFTF	1.72	3.73	MFVAF	1.99	4.05	IFLIF	2.01	6.91
RFRAF	1.51	-0.7	SFHRF	1.68	1.04	QFPHF	1.71	2.4	VFHAF	1.84	3.27	VFLTF	1.81	4.88	VFFFFF	1.96	7.3
PFETF	1.63	-0.6	PFRSF	1.70	1.01	SFSHF	1.71	2.39	YFATF	1.81	3.38	AFCWF	1.79	5.03	WFPLF	2.06	6.62
QFAKF	1.56	-0.65	KFINF	1.81	0.89	KFYIF	1.69	2.45	VFHTF	1.77	3.52	WFASF	1.88	4.55	CFWWF	1.92	7.62
AFQKF	1.56	-0.65	SFPRF	1.70	1.01	IFTRF	1.68	2.48	CFAVF	1.80	3.4	QFMWF	1.72	5.41	WFVMF	2.06	6.64
EFYGF	1.56	-0.65	DFSFF	1.69	1.03	GFWRF	1.66	2.55	SFLSF	1.72	3.75	LFHCF	1.87	4.58	VFWLF	1.98	7.22
DFGYF	1.55	-0.66	VFEMF	1.78	0.92	YFEFF	1.78	2.21	NFYMF	1.67	3.95	MFAIF	1.85	4.71	IFYWF	1.96	7.34
QFSKF	1.61	-0.61	GFYRF	1.58	1.17	GFINF	1.66	2.54	TFPMF	1.73	3.7	SFFCF	1.85	4.69	MFIWF	1.97	7.3
VFRKF	1.47	-0.73	SFEFF	1.68	1.04	TFPNF	1.79	2.18	IFGCF	1.80	3.41	PFMCF	2.01	3.97	IFFLF	1.94	7.5
DFYGF	1.54	-0.66	MFKTF	1.68	1.04	VFDWF	1.74	2.33	TFYHF	1.71	3.77	CFYMF	1.83	4.82	MFYWF	2.03	6.89
KFCGF	1.75	-0.51	FFSDF	1.69	1.03	VFKLF	1.74	2.33	VFTHF	1.77	3.52	GFFLF	1.75	5.23	WFFFV	1.92	7.68
NFEVF	1.61	-0.6	VFKPF	1.77	0.94	NFCTF	1.73	2.34	KFIFF	1.79	3.45	YFNFF	1.80	4.99	LFWIF	1.90	7.88
DFPTF	1.60	-0.61	LFKQF	1.64	1.1	RFCYF	1.73	2.34	NFTIF	1.79	3.44	MFTVF	1.94	4.3	WFMFF	1.90	7.89
PFEPF	1.78	-0.49	PFARF	1.75	0.97	LFIEF	1.81	2.16	FFMRF	1.67	3.99	LFQYF	1.87	4.61	WFWYF	1.85	8.31
RFRSF	1.52	-0.66	RFSPF	1.72	1.01	MFGNF	1.84	2.09	AFGWF	1.69	3.86	MFTMF	1.89	4.51	FFPWF	2.00	7.08
GFYDF	1.52	-0.66	CFRAF	1.63	1.13	AFAPF	1.76	2.28	SFYPF	1.77	3.53	AFFYF	1.74	5.34	LFVFF	2.04	6.84
DFCSF	1.52	-0.66	GFRMF	1.63	1.13	HFGCF	1.80	2.18	PFNMF	1.89	3.1	HFTWF	1.77	5.15	MFFFF	1.95	7.51
GFHKF	1.54	-0.64	PFSRF	1.72	1.01	GFCCF	1.75	2.31	KFMWF	1.81	3.38	FFRW	1.73	5.41	FFLVF	2.04	6.84
GFGRF	1.49	-0.69	WFQE	1.64	1.11	LFTRF	1.64	2.61	QFSFF	1.69	3.9	VFCVF	1.92	4.36	VFFWF	1.93	7.68
SFKQF	1.58	-0.61	FFAEF	1.73	1	WFAKF	1.79	2.21	RFPWF	1.77	3.56	PFTLF	1.94	4.28	LFILF	2.01	7.04
HFTDF	1.62	-0.58	KFMTF	1.70	1.04	CFFKF	1.73	2.35	AFPMF	1.79	3.45	FFNMF	1.81	4.95	FFWYF	1.90	7.93
RFSRF	1.52	-0.66	QFKLF	1.66	1.1	GFYSF	1.67	2.52	HFTYF	1.72	3.77	LFNYF	1.89	4.53	IFYFF	2.03	6.96
AFKQF	1.53	-0.65	KFVHF	1.76	0.97	GFSMF	1.69	2.48	YFHTF	1.72	3.77	LFVHF	1.79	5.02	LFFLF	1.94	7.63
VFDNF	1.58	-0.61	SFRPF	1.73	1.01	AFHHF	1.62	2.7	GFPF	1.85	3.25	LFVSF	1.86	4.67	IFWLW	1.91	7.88
CFGKF	1.72	-0.51	TFKMF	1.70	1.04	RFPYF	1.80	2.18	FFQAF	1.70	3.86	FFPSF	1.89	4.53	LFMW	1.97	7.43
TFHDF	1.61	-0.58	TFGNF	1.61	1.17	TFPQF	1.77	2.26	QFVYF	1.71	3.82	HFFCF	1.79	5.04	WFCWF	1.94	7.62
VFENF	1.57	-0.6	QFLKF	1.66	1.1	CFHNF	1.69	2.48	AFFYF	1.79	3.49	FFFRF	1.79	5.03	LFVWF	2.00	7.22
TFDHF	1.59	-0.58	YFKTF	1.68	1.08	LFDIF	1.81	2.15	CFIGF	1.81	3.41	TFFCF	1.82	4.9	WFWLF	1.80	8.85
VFDQF	1.66	-0.53	CELF	1.70	1.06	RFYCF	1.74	2.34	MFHSF	1.78	3.52	LFMGF	1.97	4.19	VFIFF	2.07	6.71
VFNDF	1.55	-0.61	RFTTF	1.66	1.11	VFQQF	1.74	2.34	SFLGF	1.91	3.06	VFFGF	1.91	4.44	IFIIF	2.06	6.78
HFDTF	1.59	-0.58	PFVKF	1.80	0.94	IFKYF	1.70	2.45	AFTIF	1.71	3.79	SFIYF	1.84	4.79	WFVLF	2.00	7.22
VFNEF	1.56	-0.6	CFLDF	1.71	1.05	MFPRF	1.82	2.14	NFWQF	1.69	3.89	AFLLF	1.73	5.42	LFIWF	1.92	7.88
PFPEF	1.73	-0.49	VFPKF	1.81	0.94	CFSQF	1.79	2.21	PFTCF	1.91	3.05	VFFNF	1.85	4.74	WFWIF	1.83	8.72
QFKSF	1.54	-0.61	KFTYF	1.69	1.08	VFIKF	1.80	2.2	TFQLF	1.75	3.65	FFVNF	1.85	4.74	YFWWF	1.87	8.31
TFHEF	1.59	-0.57	SFQGF	1.72	1.04	TFSSF	1.78	2.25	NFFCF	1.61	4.3	CFTFF	1.82	4.9	FFF LF	1.90	8.09
CFKGF	1.68	-0.51	PFGGF	1.78	0.98	SFRLF	1.72	2.4	CFYSF	1.74	3.69	FFMNF	1.81	4.95	IFLLF	2.04	7.04
DFVNF	1.53	-0.61	GFGCF	1.65	1.14	MFWDF	1.67	2.54	AFFGF	1.79	3.48	CFPYF	2.01	4.01	WFFLF	1.86	8.47
TFEHF	1.58	-0.57	GFTNF	1.63	1.17	TFTAF	1.71	2.42	TFVHF	1.78	3.52	IFTCF	1.94	4.31	FFILF	1.98	7.5
GFKCF	1.67	-0.51	MFRGF	1.65	1.13	IFMKF	1.72	2.41	LFASF	1.73	3.71	WFQPF	1.88	4.6	IFFWF	1.87	8.34
QVFDF	1.64	-0.53	GFRYF	1.63	1.17	RFAIF	1.78	2.23	SFCVF	1.80	3.44	IFVHF	1.82	4.89	MFLFF	2.04	7.05
AFRRF	1.42	-0.7	DFMMF	1.66	1.12	YFRCF	1.74	2.34	TFYAF	1.82	3.38	AFILF	1.75	5.29	WFVWF	1.91	8.06
GFCKF	1.65	-0.51	LFDPF	1.87	0.89	AFRFF	1.59	2.82	VFPSF	1.85	3.28	SFLVF	1.87	4.67	IFFIF	2.00	7.37
QFDVF	1.61	-0.53	SFRCF	1.63	1.17	RFALF	1.74	2.36	FFDFF	1.87	3.2	YFPPF	2.06	3.85	FFLIF	1.98	7.5
EFNVF	1.52	-0.6	AFCRF	1.66	1.13	KFFHF	1.79	2.22	SFALF	1.74	3.71	WFYNF	1.74	5.37	FFF MF	1.99	7.51
HFETF	1.55	-0.57	VFNRF	1.59	1.22	GFPCF	1.82	2.15	QFFAF	1.70	3.86	IFVAF	1.90	4.5	WFMLF	2.00	7.43
KFTNF	1.69	-0.48	FFDAF	1.77	0.99	NFCPF	1.70	2.45	NFFSF	1.71	3.82	TFHWF	1.78	5.15	WFIIIF	1.96	7.75
VFQDF	1.60	-0.53	AFQNF	1.55	1.3	MFDFF	1.82	2.16	MFHTF	1.73	3.73	VFHIF	1.83	4.89	FFLLF	1.97	7.63
DFVQF	1.60	-0.53	HFQYF	1.60	1.22	YFQNF	1.68	2.51	MFPQF	1.88	3.18	FFPHF	1.83	4.88	MFLWF	2.01	7.43
DFNVF	1.49	-0.61	DFMYF	1.64	1.16	RFFQF	1.67	2.55	GFVYF	1.80	3.44	SFMIF	1.85	4.75	FFLWF	1.88	8.47
EFVNF	1.50	-0.6	VFCKF	1.68	1.1	TFIRF	1.70	2.48	LFTNF	1.77	3.57	WFTGF	1.99	4.11	IFWWF	1.86	8.72

QFVEF	1.61	-0.52	VFQRF	1.55	1.3	DFWYF	1.66	2.58	QFLAF	1.81	3.4	SFCFF	1.86	4.69	FFIIF	2.03	7.37
DFHTF	1.52	-0.58	MFTKF	1.73	1.04	RFMPF	1.83	2.14	LFNHF	1.74	3.71	NFYWF	1.74	5.37	LFFFF	1.93	8.09
DFQVF	1.59	-0.53	IFDCF	1.84	0.92	RFQFF	1.67	2.55	PFGIF	1.86	3.25	FFNPF	1.98	4.14	FFIWF	1.91	8.34
DFTHF	1.52	-0.58	NFRVF	1.60	1.22	SFAHF	1.74	2.35	HFQLF	1.72	3.79	SFLYF	1.82	4.92	FFVFF	2.04	7.3
VFQEY	1.60	-0.52	TFMKF	1.73	1.04	AFSCF	1.70	2.48	YFHPF	1.70	3.88	CFPLF	1.89	4.55	WFLIF	1.96	7.88
SFRRF	1.42	-0.66	SFFEF	1.74	1.04	SFNVF	1.67	2.57	SFYAF	1.88	3.17	CFCIF	1.89	4.58	MFWWF	1.92	8.27
VFEQF	1.60	-0.52	EFLMF	1.64	1.17	QFYQF	1.66	2.59	AFYPF	1.79	3.49	WFGPF	1.97	4.22	WFIFF	1.91	8.34
TFCDF	1.71	-0.45	MFMDF	1.68	1.12	IFLEF	1.82	2.16	TFIGF	1.89	3.14	NFYFF	1.81	4.99	FFWLW	1.90	8.47
CFTEF	1.73	-0.44	FFSEF	1.74	1.04	IFRTF	1.70	2.48	HFGIF	1.85	3.28	FFMQF	1.80	5.03	FFFIF	1.96	7.96
TFCEF	1.72	-0.44	KFLQF	1.69	1.1	KFPFF	1.81	2.19	SFISF	1.76	3.62	YFFAF	1.75	5.34	LFFIF	2.02	7.5
HFEPF	1.69	-0.46	CFEIF	1.84	0.93	WFTKF	1.71	2.46	AFALF	1.75	3.67	LFRFF	1.89	4.57	WFMWF	1.92	8.27
EFHTF	1.51	-0.57	EFFHF	1.51	1.39	SFVGF	1.78	2.27	YFHCF	1.67	4.04	HFMMF	1.87	4.65	FFFFF	1.89	8.55
QFEVF	1.58	-0.52	PFKVF	1.83	0.94	VFLKF	1.75	2.33	SFSMF	1.88	3.17	IFRWF	1.84	4.82	IFLWF	1.97	7.88
KFNTF	1.65	-0.48	GFFKF	1.64	1.18	HFASF	1.75	2.35	YFASF	1.88	3.17	QFLIF	1.80	5.02	LFWLF	1.96	8.01
PFEHF	1.67	-0.46	YFHKF	1.61	1.22	TFCQF	1.72	2.42	YFKWF	1.81	3.42	TFMYF	1.90	4.55	IFWIF	1.99	7.75
TFDCF	1.69	-0.45	KFYTF	1.71	1.08	GFHVF	1.66	2.62	EFWWF	1.68	3.97	RFFWF	1.74	5.41	WFYWF	1.92	8.31
CFETF	1.71	-0.44	MFYEF	1.65	1.17	KFSWF	1.79	2.25	PFCSF	1.99	2.84	RFWFF	1.74	5.41	WFWMF	1.93	8.27
EFPPF	1.62	-0.49	KFNLF	1.76	1.02	DFYWF	1.67	2.58	RFPFF	1.88	3.18	IFCPF	1.92	4.42	LFIFF	2.03	7.5
KFKFF	1.65	-0.47	HFGGF	1.77	1.01	YFKIF	1.71	2.45	AFLSF	1.74	3.71	CFCMF	1.99	4.13	LFLFF	2.03	7.63
EFQVF	1.56	-0.52	RFSHF	1.75	1.04	SFHFS	1.74	2.39	LFRMF	1.79	3.53	AFLYF	1.83	4.88	FFLFF	1.97	8.09
HFPDF	1.65	-0.47	NFANF	1.61	1.22	PFHQF	1.73	2.4	YFAAF	1.90	3.13	CFIPF	1.92	4.42	FFWFF	1.88	8.93
MFKRF	1.56	-0.52	QFGTF	1.60	1.25	CFNHF	1.70	2.48	RFWVF	1.65	4.16	YFPVF	1.92	4.45	IFIFF	2.07	7.37
TFECF	1.70	-0.44	EFFTF	1.60	1.25	KFLVF	1.76	2.33	HFIQF	1.75	3.66	MFPIF	1.80	5.07	FFVWF	2.03	7.68
RFKMF	1.56	-0.52	QFTGF	1.60	1.25	DFMW	1.68	2.54	VFGMF	1.82	3.4	CFSFF	1.87	4.69	WFFWF	1.85	9.31
DFPPF	1.59	-0.5	QFNAD	1.57	1.3	PFNTF	1.82	2.18	YFSAF	1.89	3.17	WFPQF	1.89	4.6	LFLWF	1.99	8.01
KFQTF	1.76	-0.4	LFCDF	1.74	1.05	NFWRF	1.59	2.85	HFLQF	1.72	3.79	FFCHF	1.80	5.04	FFMFF	2.06	7.51
PFHDF	1.62	-0.47	LFEPE	1.88	0.9	TFCNF	1.76	2.34	AFVVF	1.71	3.84	HFFYF	1.69	5.73	MFFWF	2.02	7.89
CFDTF	1.66	-0.45	GFKFF	1.65	1.18	QFCHF	1.68	2.56	PFTVF	1.80	3.49	SFWPF	1.83	4.91	WFLFF	1.95	8.47
TFNKF	1.60	-0.48	DFFTF	1.61	1.24	KFVLF	1.76	2.33	AFNLF	1.84	3.32	VFFSF	1.79	5.13	LFWWF	1.91	8.85
HFPEF	1.64	-0.46	FFRRF	1.46	1.51	LFSRF	1.74	2.4	MFVN	1.75	3.7	VFIHF	1.83	4.89	FFWWF	1.86	9.31
KFFKF	1.62	-0.47	AFKIF	1.61	1.24	AFNVF	1.69	2.53	GFFTF	1.74	3.73	TFVIF	1.86	4.75	WFFFF	1.90	8.93
PFDHF	1.61	-0.47	EFYYF	1.63	1.21	HFHAF	1.64	2.7	YFLRF	1.78	3.57	LFYHF	1.77	5.27	VFWWF	2.00	8.06
KFRYF	1.59	-0.48	KFVPF	1.85	0.94	AFQVF	1.66	2.61	IFLRF	1.68	3.98	VFWGF	1.85	4.82	IFWFF	1.97	8.34
EFVQF	1.53	-0.52	DFYYF	1.64	1.2	MFQGF	1.83	2.17	AFQFF	1.71	3.86	WFNYF	1.75	5.37	WFILF	2.05	7.88
EFTHF	1.46	-0.57	RFSCF	1.66	1.17	TFAAF	1.83	2.17	TFFNF	1.67	4.03	MFQFF	1.81	5.03	IFFFF	2.04	7.96
RFMKF	1.53	-0.52	EFMMF	1.69	1.13	YFDWF	1.67	2.58	WFEWF	1.69	3.97	WFTTF	1.81	5.01	WFLYF	2.11	7.47
WFWFF	1.93	9.31	WFLWF	1.96	8.85	IFIWF	2.08	7.75	WFWWF	1.86	9.69	WFFIF	2.00	8.34	WFIWF	1.95	8.72
FFFWF	1.97	8.93	LFFWF	2.05	8.47												

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