SM_File1: Clustering as a measure of ligand diversity in DEELIG

SM_Table 1.1: Ligand clusters as a measure of ligand diversity in DEELIG. Hierarchical clustering of unique ligands used in training DEELIG was performed on the basis of physicochemical properties. Each of the 125 clusters is represented by a cluster ID and corresponding ligands as members. These ligands are part of training DEELIG, and have been represented by ligand ID from RCSB PDB. Cluster centroid (in **bold**) obtained was assigned as the cluster representative.

Cluster ID	Cluster members
1	COA,4CO,MYA,RFC,CAO,**ACO**,MC4,0ET,1HA,UCA,CAA,MLC,WCA,5F9,IVC
2	**NAD**,NAP,A3D,NHD,DND,ZID,NAD,8ID
3	NDP,**NAI**
4	ADP,ATP,A4P,ACP,APC,APR,PAX,ANP,A3P,AMP,ODP,A2P,FAO,TXP,AQP,TXD,TM1,M33,12D,CMP,AGS,T5A,V3L,A1R,2BA,A22,ADX,BTX,**AP5**,DTP,2AM,Z5A
5	SAM,SAH,ADN,SON,NOS,SFG,KAA,52H,53H,54H,3BH,M24,A4D,A5D,A6D,A7D,3F5,8OX,A3S,A3T,A3G,DSH,J1A,J1C,J1D,0UM,SAH,3NZ,VRT,SO8,A2H,67D,6CE,**ADN**,75G,KB1
6	NIA,3BK,3FD,3GO,AIR,3P1,TO1,N5P,AW1,0QK,AW2,7CH,SGV,GB8,**7DT**
7	GDP,GNH,2GP,GTP,GNP,MGP,GMP,IMP,**5GP**,DGP,GNG,GSP,01G,C2E,MGO,MGQ,MGV,GTA,GTG,G4P,2GP,GFB,1SY,PCG,1YC,1YD,PCG,4UR,5O8,6CK,C2E,6SW,6SX,6SZ
8	TPG,**MGT**,M7M,M7G
9	DCM,TMP,UFP,8HG,8DA,1AA,2AA,8OG,F01,**CAR**,829,T3P,AO9,NOH,CTN,5UD,5AE,CTP,CC7
10	UMP,UDP,DUP,DUD,UC5,**U5P**,UDM,DUT,UPG,44P,DUR,2TU,UD1,URI,2KH,U3P,Y6W,DUS,6SY
11	G6P,G3P,**A5P**,TA6,G16,X1P,RP5,FDP,FBP,PRP,G1P,F1X,FRU,F1P,1FT,S7P,ALX,T6P,LAO
12	13P,S3P,PAI,137,DXP,MOD,**6PG**,CAP,HPF,SC1,F6F,F19,F9F,ICR,3PG,GG9,R5P,PGH,TPO,PEQ,P6T,OPE,TD4,PGA,D5X,D8X
13	4IP,I3P,**I5P**,ITP,IHP
14	PIB,**DB4**,PIZ,PBU
15	A2G,CTO,NLC,BDZ,NGA,**NLC**,16G,8VZ
16	A24,1DM,LEC,**147**,HNW,HNV,FVQ,FYZ,J73,CWX,3XO,3X8,4J0,4J9,6Y2
17	BLM,MGS,233,233,BDD,IFM,DAN,SIA,OXZ,SMD,MLD,ODI,XUL,NOY,GOX,TTZ,PAF,DIH,NOK,OAN,NHT,STZ,NGT,GOL,MBG,GC2,LTM,PAU,TRS,MU2,**TDG**,DQT,MQT,MN0,PGZ,GS9,IFL,NGW,70B,YO5,GRX,PK9,AO3,ASC,ETF,423,425,DCL,SLT,X6X,MO0,SNW,7K2,KIF,8MP
18	TD2,**5KS**,5KT,TGZ
19	FCA,ACR,RIP,SMS,ACR,GET,RIP,NOJ,RNS,MFU,CTS,CGB,AB0,B19,AZF,VDM,QPU,KDB,KDR,UNG,GCU,SFU,FHN,XBK,DFU,ENE,END,ZWZ,KDA,TOR,KDO,KO2,TXT,SCR,IHS,INS,H1S,3S6,SIS,**5GO**,EDG,9QZ
20	GIM,PGI,NTZ,GI1,GI2,GI3,GI4,**MVL**
21	DEG,BOG,AFO,FK9,XNS,**KGM**
22	**SUC**,RAF,DQR,FNY
23	GAL,BCD,GAL,LAT,MAN,MAL,GYP,XLM,ARW,MLR,GZL,ACX,MLB,LAT,RGG,**MTT**,LAT,MLR,4CQ,RCD,BCD,LAT
24	PUT,ACA,AMH,GUA,**SIN**,TSA,DMG,HXA,FA1,KAI,SPD,BET,PBE,DHK,CXP,CIT,XAP,H01,TF4,4CS,6CS,LY5,LMR,7HE,GA4,GPF,ABU,SF8,SAR,GIX,5AB,4U7,FB6,03H,BUA,MZT,RUJ,G8M,QIC,164,GA3,XA2,X7A,011,4XW,522,A9H,IPM,QZQ,21G
25	BES,140,MCO,GSH,HAL,DOR,GTX,**PCA**,LEH,YBY,GDS,MHI,F42,QEG,GHE,N8P,LZ6,2VE,2VD
26	**FOL**,MTX,D16,MS1,F89,DHF,C2F,GHW,0J2,0J4,0J5,Z25,04J,MT1
27	FLA,ABH,PSQ,S2C,ORN,CBH,QUS,ABH,4TB,DGL,MLZ,MLY,DSN,6HN,NNH,HAR,LN7,LN6,**API**,3ZA,2W2,DAL,RPI,6DB,TIH
28	AMQ,T44,T3,**IYR**,4ZK,E42,DPN
29	ACD,OLA,STE,VCA,PLM,**DAO**,PAM,DKA,OCA,MYR,DCR
30	**BTN**,BTN,IMI,IMI,KYT,DTB,ZOF,B1R

Cluster ID	Cluster members
31	**BS5**,44K,44M,590,44L,594,44N,44O,44Q,44R
32	5B3,**1TM**,KTJ,KTK,1CQ,69M,69W,69S,69R,69U
33	BPY,BP3,**IPH**,3CH,3FA,ANF,43M,BZX,RCO,EMO,CAQ,IOL,BML,4CH,FPN,03V,1NP,BP7,PV2,PV8,PV0,ERH,HQE,6X8,6JD
34	STL,BHQ,2OH,TOH,OHT,ETY,G50,NAR,2DL,C0Y,AEF,AEH,AED,PFL,DIE,IP0,2MY,RE2,**JZ0**,JZ1,JZ2,JZ4,261,JTH,JWS,AZB,MLO,EOL,LDP,N7I,HC4,2LP,1G4,1OM,MCT,EKZ,DFL,XX9,LNR,NVS
35	QUE,MYC,MYU,GEN,SL0,AGI,57D,KMP,**LU2**,QCT,FSE,7LU,6B5
36	STI,5MP,ZY5,ZY7,XDK,3AP,NCT,NIL,706,3QO,0QA,3D4,**3D5**,3D2,RH2,3D8,TQL,LKB,7M2,8HH
37	6XC,78J,**YEJ**,YD3
38	LY2,7NI,PY1,H52,M77,KSA,L08,FRZ,LY4,BI1,WAI,CL3,IQB,IYZ,SB2,7NH,3,P34,SS3,SS4,P83,VGH,646,GD9,XJ1,985,4F8,4FY,YKI,DEQ,CCK,SX8,HC7,HC6,STU,G97,1SQ,3YY,Q6W,M61,3RH,3RU,DIW,03M,B29,913,Z5P,TB7,**LZ1**,8DQ,C1I,0J0,IRG,GG5,LM3,TDH,YS4,1ER,AJ4,AJ5,AJ6,AJ7,18F,1M1,1M0,17X,1RQ,X6K,SB4,2GQ,40B,31V,30M,38G,3C5,X6W,BK9,3WH,4L2,92O,CWC,M1W,BMF,539,5D1,5RO,5WS,O82,O83,O80,RX8,68M,68J,68K,6BS,6B3,6DP,6U5,7W4,7VP,88J,86J,8DV,DQX,BZE
39	TK4,2AN,ANC,DSO,MNS,C4H,11D,**5NS**,FNA
40	**COU**,8MO,8CM,XCG,EVD,03T,SE2,AKH,BZF
41	FIP,PRL,IOP,3IB,TSS,SRO,7L4,11S,5H1,G3E,ES1,ES5,ET,0QY,MQN,39R,FK1,AO,DTR,5SG,ITW,A7W,6VD,14O,7W1,**IND**
42	1PP,1AU,**1AW**,1BU,R48,SS6,R39,Z84,Z83,B96,DG7,K9Y,KAO
43	BZI,HAN,VGF,**AX7**,ES7,ES9,ES0,VGD,ET2,1M2,CPZ,6RQ,7WA
44	CKR,2WU,**2YM**,2YO,SAQ,SQO
45	PH2,LG3,7IG,LGA,A13,V15,LZJ,LZK,TOP,C0P,B2K,B2L,B2T,B2X,B56,EV0,3RP,VHA,VHC,VHE,WHA,MUJ,CP6,TXW,43U,43S,XOJ,6GH,**6GF**,6GM,7WG
46	CK2,18K,**19K**,16K,20K
47	1N9,R78,627,P4T,GUI,AM0,**AM9**,HT1,585,27A,HI0,NP7,RLI,IA9,R78,2TA,38O,C5N,5XQ,8X7,P48,7ZF,7ZL,7ZO,7Z6, 1E9
48	JIN,3FN,FLS,**FLW**,P17,96M
49	5VY,5VZ,5W0,**5W1**,5W2
50	BER,AVX,833,BBY,SAU,**CTI**,SGE,1GH,1H2,2K7,2M2,2LO,36Z,37N,3P2,4LD,53W,5SW,5U6
51	FMM,AQZ,PFH,CX4,**DXQ**,E67,E72,DB8,IRE,LEV,DTQ,0N5,1K0,TZN,3ZC,5GD,88Z,XZN,93J,H8H,9HJ,9HG
52	M0Y,**M0Z**,1YZ,1E0A
53	541,ML1,ML2,V5X,IMN,**MYI**,BZ3,A8D,FG2,FG3,FG4,FG5,FG6,2B5,MS0,QI9,5WD
54	DRJ,XCX,**ABV**,36R,94W,6KT,7FU
55	FD1,FD2,FD3,FD4,TL3,TL4,**BEN**,PNT,BRN,PBZ,JLZ,AZ3,NTN
56	50U,45U,46U,49U,12U,10U,**11U**,13U
57	6MG,7AF,6NN,**6XO**,79F,79E,7GR,7K0
58	MK1,XN3,XN1,**XN2**
59	K57,JE2,075,O33,**006**,JZP,JZQ
60	FRA,SPB,Y27,SHH,1CM,CM6,CMW,CM9,RT8,NBB,N4E,AJ1,VAB,WVH,T9H,0S2,0S3,**20N**,1EB,25S,4YO,5QY,5QX,IQ5,N91,7H1,6DK,8NB

Cluster ID	Cluster members
61	88S,88W,**88V**,88N,W7E
62	1B0,**1ED**,1G7,1G9,1GB,1B0,7HG,78E,78X,838
63	ROC,FAF,RIT,FRG,BLN,HAE,ACM,DR7,RO1,EGD,MGX,AB1,D1R,1UN,E64,2NC,ARX,C1P,REM,44U,BB2,3N6,RSZ,613,NH5,08Y,091,0UE,15U,FCE,KI1,1RD,7AW,OP1,38Z,3G7,3D0,N6L,MRZ,FY8,58W,5T0,5T4,841,5TD,5TO,5WZ,6C5,6C4,**EBU**,8T5,7HC,92A
64	**HCI**,PRA,PEA,PBN,AHC,MPP,PPT,5PV,AEG,B40,B41,MBN,PXY,IBP,I2E,88R,WJ1,1WE,PYJ,3H0,N4B,I4B,OXE
65	**ABN**,PNZ,PZM,C2B,G00,VXU,VXQ,SW2,91B,7Z3,K82,54E,86L,OQC
66	1DK,12G,1DL,11Y,1D5,**1D6**,1D8,1D9,1DE
67	3HI,4HI,5HI,6HI,7HI,**882**,8HI,9HI
68	0L9,LF2,LF0,**4BI**,LF8
69	3C4,DHY,4HP,5ON,5UH,5V5,5V6,**IO2**,YI6
70	DIF,570,AIC,EOT,CCR,YPA,NLA,DPD,307,GAS,388,393,2C2,LK2,T4B,TOL,LDT,LKM,GUS,BYH,0CR,LIZ,28P,D30,EAA,B72,4D9,**G24**,DOY,3RM,GW0,EK8,2B4,6LX,0JD,H1L,1E5,1EK,8PR,1YE,29V,2YB,RF4,XTK,UET,4TX,42O,IEE,L6I,WY1,SBK,70R,VT1
71	700,ZEN,434,1N1,5CL,YAN,230,NZA,CRP,LZE,XBV,WSH,EAM,KSF,RO6,BDO,**BDJ**,JQ1,08H,08K,0C7,SE5,52C,4VA,1LH,OCZ,0LM,0LL,0LK,0R3,0S6,0Y7,1C1,I29,I18,ZHK,1CY,1WQ,20J,29Q,2KD,2LW,2SW,2TZ,2ZW,36U,390,33R,ZKW,19H,3UD,4B7,4NJ,4NX,4T4,NUT,CKA,5D2,CZE,5OD,5XL,5XK,YIE,XMS,XYY,0PL,NH6,DL3,RRQ,9GD,7AV
72	5O5,J4K,6J5,**YIH**
73	YH5,X6L,**YH1**,YH2,YH6,YH3,YH4,5RU,5RV,5RW,5RX,5RY,5RZ
74	HPA,IMU,IRP,9HX,URC,DIH,IMH,MTI,HHR,HA1,PIR,9D9,**229**,22A,B55,GSY,IM5,5JL
75	M1A,9PP,**ADE**,TDI,ZEA,DF9,BIG,ES4,3MA,4CT,QMQ,ADK,U85,EOI,DX4,YH7,NBR
76	FMN,FAD,D4T,ORO,**RBF**,CFF,PNX,TP6,TSF,JCL,47D,POY,BAU,4WF,HNR,N6A,1VY,39O,48I,F49,TDR,HMU,FYU,5NM,5XF,L66,6YA,7M8
77	**UBA**,UBC,UB1,UBF,UBE
78	PPG,ORX,PE1,PMP,**PDD**,PLP,PLS,UEG
79	TDP,VIB,**TPP**,TPS,TPU,D7K,8PA,NFM,26G,0YN,XX8,2VY
80	FPP,DED,IPE,DP6,GRG,FM0,3PO,H6P,2JA,**GPP**,4LR
81	GER,YFE,CTV,YFD,YFB,2TX,**SQL**,JH3
82	**1O8**,2VR,2VP,2VZ,2W0,3RB
83	**MAE**,ISC,PEP,CCU,OAA,COI,PYR,2KT,XI7,AKG,OGA,P47,A8S,D1X,KIV,OXM,2H8,KMT,3SW,3T2,5O6,5OO,6ZX,OXD,OTA
84	NOV,TFP,BZT,BT3,BPP,BEE,FLU,BRL,RWF,RNP,CBN,DMP,EQU,NH1,OPB,OI1,667,RRC,26D,T1D,HQL,LG4,FL1,UN9,37A,LIX,JJ3,TPV,1PC,TDZ,D26,6AN,WOE,849,YIS,YIW,YIX,575,3F1,I5I,IM4,TH4,LN1,25P,XNC,S45,IX6,J0Z,PP0,D8Y,3TO,3KR,Z80,MS7,LX8,MKY,RSV,09H,34M,0B3,0B4,N1Y,N2Y,0MB,V6F,PW1,NIH,4DC,10K,09K,TZM,0LU,4HV,1EP,1JR,1L7,KKN,1QK,KLV,04G,1MV,YL3,LOC,2CK,24W,2J5,2J6,2J7,2L1,2L2,31W,09L,**3A8**,3CR,9X3,HXY,WEF,WF4,3VR,3W1,3XV,43L,4OL,XOC,UL7,ETU,K6K,XEB,JH5,536,XZ8,5FF,5FK,UO1,5KH,73K,GWM,VQ7,6F9,I74,77X,XHA,2AP,8HZ,8NN,2OW,79A,7Q1,7QV,7QS,7R7,7R4,7R1,8FD,9AA
85	**1QE**,H49,1QF,6E5A,H36

Cluster ID	Cluster members
86	TPF,ZST,LS5,BMU,BNZ,1AN,DMZ,ATC,FID,PYM,DFN,TSN,444,4TZ,4TR,198,FNZ,NQ,FLV,KLN,1MR,SBI,A51,RO5,II2,II4,MIY,B49,XIN,G93,BSU,4BM,4DM,BAX,53A,469,AVR,0LI,HIZ,3TR,Z89,CEL,VOR,OJ8,SU9,QID,919,TDU,42Q,CVI,VWS,54F,93G,L5V,CQE,3PF,0NS,60K,62K,G9L,TQU,TZF,0X3,0XB,4GU,12R,IQK,X2N,1HR,1L5,HRC,2C9,2CQ,2QJ,2RR,Q7M,RV1,VJP,3M6,3R7,3VQ,3VW,3VX,41O,ZBD,3IT,1YN,SFQ,4OQ,4OR,4QF,LQ5,UFV,**EB0**,BEA,5TQ,5WC,LVY,7FF,68L,GV0,6HO,6Q8,P4P,6UY,78Y,PKU,LS8,2BG,9EW,JR5,7OV,927,921,0BP,DEN
87	P86,NXG,P74,**P51**,P96,KMN
88	TCL,4BC,43P,PCQ,226,2GG,2GJ,**YI0**,YI5,6QM,BZ8,FT1,FT2,9UN,50Q,XKL,PZB,PCI,T6C,B1T,5JC,FGZ
89	NPE,TAA,9AR,AAH,TNF,PGG,PNF,4NM,CLM,N11,BFF,O73,C56,**NPO**,CNI,2ZM,36V,4JT,4NC,6NT,6J1,80R
90	REA,ETR,RTL,**RET**,RNE
91	**TLM**,TL6,TLG,7RD,TLH
92	GDM,FKA,FK5,RAP,HYF,TMH,S1A,TG1,SMA,BID,VD5,BC6,BC2,**NRB**,1D4,1D2,GYN,GDM,CW1,CY9,BGV,ZGA,Z18,QLE,SM8,0V4,BLD,2UO,SNE,3V4,MY8,6K9
93	AZI,FMS,1MC,BCT,BR,DSS,BUQ,NCH,PRZ,R18,PBR,TBP,MTD,MSF,MTG,MMQ,DHM,2HP,PPF,CHT,HBR,MPJ,MOI,PP2,IPZ,NO3,CCE,715,KAR,MSM,TP5,MLK,CEJ,AA7,BVC,VX6,LIA,DI9,HI6,OBI,CHH,SCK,AT3,ETM,2PN,89I,QIN,MR3,TSZ,NMU,ACH,486,CMO,MES,EMH,FLC,MXD,B2J,BJM,DRL,SX3,SX5,**SX6**,9OD,MI1,ICF,79Z,B10,32A,18,20,JZ9,J1Z,PO4,717,AJD,AKD,KCS,XAV,3MC,614,EML,JKZ,ZG1,MPV,3M2,94M,PC,SW1,K9S,513,3MQ,TR7,VMY,7SB,MEU,L2D,L2M,9LI,0OC,ZMA,2N6,0TM,0XT,0RT,10N,POP,SO4,1C6,CE3,KOV,CFX,CLS,CNL,1WG,2C1,TM7,2FQ,EJ4,KK3,39U,RXT,K25,K17,FQI,ACT,3WG,25T,TMO,49J,0A9,RHU,RZH,TAU,50V,56H,5FJ,5JA,5TY,G45,XDI,6C8,6E8,6EB,6FG,6FR,6K5,PFB,7PF,7DF,8MY,A4G,A1Y,YAM
94	RDC,COC,CLW,BCG,OIN,LOB,P2N,RDA,M1S,7CS,TKT,CWB,MS9,KDH,4ME,96P,**MT6**,T21,6F3,6FX,RHQ,7MX,7MW,4I8
95	PAE,6PR,G88,FOM,GPJ,**34F**,P7I,FM6,FM7,FM8,P2H,476,NI9,PAL
96	HSM,DMI,**DHI**,1MZ,CL6,EKO,ES3,X89,ECN,9PL,AVI,HIC
97	3OL,UNA,MJI,NCW,9HO,AMF,PJ2,U51,EAH,HHG,FEE,S1P,1O2,DPV,U46,LTC,NOO,QUY,QUV,LP5,**DB6**,SDS,TMY,RHL,OHN,LTD,RJW
98	EY5,ERB,ZIT,CTY,**ERY**
99	HW8,HW9,QJ8,Q13,XFK,**XFJ**,1EV,HW1,1EW,Q05,QJ7,1Q6,Q14,S5D,4V4,SKO,7S9,S90,EXI
100	**8ZH**,8ZZ,92Q,90E,90W,90Z,91H,8ZT,90T,91K,8ZK,8ZQ,8ZW
101	HOP,NM1,78P,GK4,410,SNX,VNI,DF3,AGY,**STJ**,KXO,925,N4D,MJG,DE3,746,3P3,085,TJF,9VU,0LN,0RY,20Y,CG4,3E7,3OO,66T,3YX,VFV,3VS,45E,41N,SVR,4KC,4S4,FSU,D7N,SJR,KRX,4QJ,5MK,5MV,5TU,5X0,6P9,6PD,6SR,2LX,8FN,8FK,912,9TW,71T
102	FS8,FJI,HB9,78L,**79Q**
103	BA1,BZQ,AZN,**R69**,R68,R94,R96,PQA,DBE,3M1,TCW,RHN,WL3,537
104	DM2,DM5,**DM1**,DM2
105	EB4,ECA,VBN,5LC,PXJ,**8LC**,EHS
106	**VHD**,XJG,L81,XJX,1RC,PV1,PFT
107	**21Q**,L46,57G,L33,57F,L40,57E,579,56Y,L26,56M,L28,XDM,71X,71Y,99E
108	DXC,DOG,DTX,CHC,DGX,**CHD**,TCH,4OA,DOG,6SB
109	**EST**,ESM,ESL,EZT,3WF

Cluster ID	Cluster members
110	DHT,VDX,STR,PDN,ANB,CAM,NOG,DEX,MC9,NDR,MOF,TES,HC3,CLR,TH2,VD3,ANO,C3S,KEM,K2B,3T5,**PLO**,DLC,VDP,C0R
111	X6C,3JG,3JK,3JU,3JF,3JS,3JH,3JO,**3JJ**,6Z3,9BT,9BW,4YY,9BK,9BH,9B8
112	PYC,FBC,26C,205,NCN,ZZA,FUN,NTM,AVD,4P5,1FL,52P,6PC,BZ2,4BY,HJZ,BFH,NJQ,HTJ,3M3,INO,NNO,P1Y,P4Y,GRI,3MI,4A2,H1I,H0Y,X0B,4WL,ICO,5MI,QNZ,0HO,1F1,0W1,TTY,16V,**6P3**,1E4,1E6,1E7,1EJ,1DZ,1XS,1XT,8HC,1XU,22Y,UL4,ZXM,Y0V,5DN,5KR,5WU,61O,60P,65V,MMK,6.00E+07,6ED,6EN,6EO,6EP,QJS,M7O,9FH,9FE,9TZ
113	PHB,BE2,PAB,DBH,DBH,AIN,MHB,DMB,ANN,3HA,SAL,DHB,**BEZ**,AI7,3B4,PHT,GAB,JKE,3HB,0HN,TWO,54G,VJJ
114	394,184,**564**,156,254,TTB,9RA,EQN
115	FLF,OFL,794,968,NFL,P2C,ZZL,ID8,0C0,0C3,0C8,73B,9S3,54S,AU6,68Q,S16,**68W**,A5B,6EC,6J3,C98
116	**PX3**,O2N,O4N,N44,OM3,OM2,ZT0,OM1,ZT2,ZT4,ZSV,NZL,X0P,S3G,4VW,VXO,FYM, K1T
117	**FSB**,FFB,BSB,F2B,F6B,INV,INW,IOA,IOC,IOE,IOF
118	EG1,EG2,EG3,SBR,STB,B22,B30,RYJ,RYV,RYX,**RYY**,RYZ,RZ0,RZ1,RZ5,RZ7,RZ8
119	FB1,BL1,E36,E38,E02,E27,E59,**E49**,E2I,E50,E65,E90,E1E,E1F,E1G,EWW,EWY,EWZ
120	VIA,VDN,5CO,5BO,5IO,**5EO**
121	478,**017**,DJR,KGQ
122	NGH,HS7,**HS1**,HS3,HS4,HS5,HS6,Z79,NHK,JFK,1KY,1KZ
123	FBS,M25,M28,M29,ZYX,FBV,**FB2**,FBW,SKE,M4S,JS7,JDR,J45,J90,J71,J75,J43,9TH,WW3,KR5,3UF,VD9,4J8,4JC,4JE,S2O,5RD,TG4,TG5,949
124	V50,V13,V90,V14,WWX,V1F,**WWO**,3TV,5DU,5EF
125	AZM,AL5,AL6,AL9,AL1,AL4,AL2,AL3,AL7,TPD,ETS,EZL,EVE,EVF,**EVG**,EVH,EVI,EVJ,1YY, BZ1,2EU,XCZ