EC: Enzyme classes:
1-oxidoreductases, 2-transferases, 3-hydrolases,
4-lyases, 5-isomerases and 6-ligases.
OC: Observed Class
ECQ: Enzyme class query

PDB ID	OC	EC	ECQ	CV	$^i\theta_4(h)$	$^t\pi_4(h)$	$^i\theta_3(e)$
1XSO	1	1	1	train	20.5948	0.0000	39.7902
2CND	1	1	1	train	20.0781	3.9525	39.7902
1VIF	1	1	1	train	14.7835	27.8969	39.7902
1JB9	1	1	1	train	20.6781	4.3425	39.7902
1EO2	1	1	1	validation	21.9777	0.0000	39.7902
1FK8	1	1	1	train	22.2616	6.0692	39.7902
1BK0	1	1	1	train	20.9280	14.2266	39.7902
1DLJ	1	1	1	validation	21.6515	13.1633	39.7902
1DT1	1	1	1	train	17.5474	39.4965	39.7902
3CD2	1	1	1	train	19.2375	46.2553	39.7902
1DIH	1	1	1	train	20.2410	47.9331	39.7902
1JA9	1	1	1	train	20.0642	51.0025	39.7902
1JFV	1	1	1	validation	17.5474	62.4793	39.7902
1NAS	1	1	1	train	20.0642	51.7239	39.7902
1MAR	1	1	1	train	20.7710	50.1670	39.7902
1HDR	1	1	1	validation	19.7284	55.3022	39.7902
1HTP	1	1	1	train	17.6030	65.5514	39.7902
1JNW	1	1	1	train	19.3069	65.0130	39.7902
1OHJ	1	1	1	train	18.8687	69.7142	39.7902
1A8P	1	1	1	validation	20.0362	65.0116	39.7902
1PHM	1	1	1	train	20.6545	63.3970	39.7902
1A2J	1	1	1	train	18.9073	74.2768	39.7902
2OHV	1	1	1	train	20.0502	72.8228	39.7902
1CYX	1	1	1	validation	18.2796	81.5713	39.7902
2OHG	1	1	1	train	20.1195	78.2043	39.7902
2MBR	1	1	1	train	21.0467	77.0846	39.7902
1IA1	1	1	1	validation	21.4861	80.4966	39.7902
1HE2	1	1	1	train	19.2375	97.8371	39.7902
2APS	1	1	1	train	20.7132	92.7775	39.7902
1ISO	1	1	1	train	21.7577	93.7306	39.7902
1DHY	1	1	1	train	20.3198	99.9337	39.7902
1LDG	1	1	1	train	20.7710	98.3003	39.7902
1BT3	1	1	1	train	21.0040	100.1024	39.7902
1HW6	1	1	1	train	20.0362	104.9278	39.7902
1NOS	1	1	1	validation	20.8615	101.5775	39.7902
1PJC	1	1	1	train	21.2631	101.4674	39.7902
2DAP	1	1	1	train	20.8278	111.7715	39.7902
1XAA	1	1	1	train	21.0994	111.6100	39.7902
2TOH	1	1	1	validation	20.9932	113.9474	39.7902
3DHE	1	1	1	train	20.3969	118.4972	39.7902
2MAD	1	1	1	validation	22.4175	111.0025	39.7902
1K89	1	1	1	train	22.0508	120.6703	39.7902
1CL0	1	1	1	train	20.7824	129.8135	39.7902
1RXF	1	1	1	train	35.2507	69.3134	39.7902
1FHV	1	1	1	train	20.9170	132.9614	39.7902

1EYB	1	1	1	train	21.7227	131.8412	39.7902
1JOL	1	1	1	train	20.8052	136.5970	39.7902
1E7Y	1	1	1	train	39.6517	58.8707	39.7902
1IUS	1	1	1	train	21.5790	137.6391	39.7902
1I0S	1	1	1	validation	20.9280	141.1341	39.7902
1A5Z	1	1	1	train	20.7364	151.4327	39.7902
1AL8	1	1	1	validation	21.0889	152.6317	39.7902
1B80	1	1	1	validation	42.2196	67.9745	39.7902
1F3P	1	1	1	train	21.6425	156.0933	39.7902
1CL6	1	1	1	validation	21.6245	158.3528	39.7902
1ISA	1	1	1	train	21.4861	162.5303	39.7902
7ATJ	1	1	1	validation	36.3269	101.1096	39.7902
1R2F	1	1	1	train	40.7427	87.4660	39.7902
1OYB	1	1	1	train	38.0972	102.6599	39.7902
1JDR	1	1	1	train	36.0340	115.4461	39.7902
1XIK	1	1	1	train	42.1040	90.6679	39.7902
4PAH	1	1	1	train	20.6898	185.8518	39.7902
1JPR	1	1	1	train	42.1040	96.9244	39.7902
1D3H	1	1	1	train	21.2930	191.0436	39.7902
1JQ5	1	1	1	validation	21.3325	191.4668	39.7902
1DVG	1	1	1	train	21.8439	202.9669	39.7902
1DLQ	1	1	1	train	41.4030	125.5388	39.7902
1VNC	1	1	1	train	40.8946	127.7695	39.7902
1XAN	1	1	1	train	39.2269	136.5187	39.7902
1NHP	1	1	1	validation	22.0347	212.3580	39.7902
2NAD	1	1	1	validation	43.0281	124.9459	39.7902
1AA6	1	1	1	train	42.2810	131.5767	39.7902
1CJC	1	1	1	train	39.1917	154.0288	39.7902
2OHO	1	1	1	validation	22.5947	227.3873	39.7902
1D4D	1	1	1	train	40.6902	152.5643	39.7902
1JIN	1	1	1	train	21.6605	234.9758	39.7902
1EA1	1	1	1	train	22.0347	234.5784	39.7902
1FS7	1	1	1	train	39.4401	161.6757	39.7902
2GEP	1	1	1	train	39.4565	164.6144	39.7902
1BA3	1	1	1	validation	40.4203	161.7683	39.7902
1B4V	1	1	1	train	39.8419	168.7532	39.7902
1PGN	1	1	1	validation	39.4720	176.1155	39.7902
1C1D	1	1	1	validation	42.2717	168.7820	39.7902
1EG9	1	1	1	train	41.0368	176.6256	39.7902
1C4A	1	1	1	train	40.8695	183.7129	39.7902
2GDI	1	1	1	validation	83.9297	0.0000	39.7902
1E5S	1	1	1	train	39.9120	189.0255	39.7902
2QR2	1	1	1	train	39.2708	193.6245	39.7902
1A7U	1	1	1	train	40.6136	188.7982	39.7902
1F5V	1	1	1	validation	39.5782	198.3627	39.7902
1GOF	1	1	1	train	41.6443	199.4950	39.7902

1AV4	1	1	1	train	41.4146	206.6848	39.7902
3HAD	1	1	1	train	41.0436	213.6165	39.7902
1FCB	1	1	1	train	44.0292	201.2818	39.7902
1RLR	1	1	1	validation	42.6742	214.1841	39.7902
1JA1	1	1	1	train	82.7354	47.7478	39.7902
1F14	1	1	1	validation	40.9696	229.1422	39.7902
1EP2	1	1	1	train	40.7679	230.9603	39.7902
1XKJ	1	1	1	train	41.7453	226.8085	39.7902
1DIA	1	1	1	validation	40.9437	253.1465	39.7902
3DMR	1	1	1	train	43.0736	245.6379	39.7902
1AE1	1	1	1	train	39.9137	264.1384	39.7902
1CP2	1	1	1	train	40.4019	267.2607	39.7902
1CWU	1	1	1	train	41.0926	265.5991	39.7902
1DQI	1	1	1	train	69.6188	145.8300	39.7902
1B14	1	1	1	train	39.9876	274.8484	39.7902
1CNZ	1	1	1	validation	42.5661	263.8464	39.7902
4MDH	1	1	1	train	41.9432	279.2517	39.7902
1FF3	1	1	1	train	57.1388	222.1319	39.7902
1NIR	1	1	1	train	80.8172	125.0005	39.7902
1YGE	1	1	1	train	77.2062	141.9386	39.7902
1J9Q	1	1	1	train	63.0120	211.3620	39.7902
1VE9	1	1	1	train	42.0934	302.4989	39.7902
1CF2	1	1	1	train	84.0159	130.1162	39.7902
1EL5	1	1	1	validation	43.0285	327.9282	39.7902
1BUC	1	1	1	train	42.9534	339.7618	39.7902
1E5L	1	1	1	train	44.1016	365.5902	39.7902
2DOR	1	1	1	train	41.4496	397.0201	39.7902
1F07	1	1	1	validation	83.3563	220.5604	39.7902
1IO7	1	1	1	train	42.5558	399.8954	39.7902
1DJN	1	1	1	train	85.1892	234.8476	39.7902
1QBI	1	1	1	train	77.7091	267.0145	39.7902
2HPD	1	1	1	train	44.2291	411.2201	39.7902
1QBG	1	1	1	train	80.9507	255.2348	39.7902
1JEH	1	1	1	validation	44.5535	411.3360	39.7902
1B4U	1	1	1	train	76.4022	316.2935	39.7902
1K2O	1	1	1	train	77.0495	318.1567	39.7902
1KEV	1	1	1	validation	84.6467	319.9645	39.7902
1MHY	1	1	1	train	96.4405	270.7114	39.7902
1E3D	1	1	1	validation	115.8056	222.4860	39.7902
1OAC	1	1	1	train	85.0218	381.8288	39.7902
1NEC	1	1	1	train	77.6346	415.0629	39.7902
1MLD	1	1	1	validation	82.9918	397.8589	39.7902
1QLT	1	1	1	train	81.1215	416.9784	39.7902
1E92	1	1	1	train	80.4063	453.5113	39.7902
1POX	1	1	1	train	81.9567	456.9511	39.7902
1A4S	1	1	1	train	124.7387	294.3396	39.7902

1G72	1	1	1	train	110.8587	411.3606	39.7902
1DQA	1	1	1	train	153.2547	247.3757	39.7902
1B06	1	1	1	train	115.6343	517.5886	39.7902
1QF7	1	1	1	train	170.1332	362.5350	39.7902
3BTO	1	1	1	validation	134.7004	546.5575	39.7902
1DO8	1	1	1	validation	161.6361	486.9710	39.7902
2MIN	1	1	1	train	140.7380	658.2932	39.7902
1FWX	1	1	1	validation	164.2429	683.3077	39.7902
1QMV	1	1	1	train	190.3935	584.9945	39.7902
1B25	1	1	1	train	165.2763	708.6627	39.7902
1QMG	1	1	1	train	160.1875	736.0797	39.7902
4NOS	1	1	1	train	154.4509	781.0697	39.7902
1EYY	1	1	1	train	159.6178	774.8775	39.7902
1E6Y	1	1	1	train	228.6285	491.2272	39.7902
1QLB	1	1	1	validation	163.1776	866.7283	39.7902
1BVU	1	1	1	train	130.6509	1132.9662	39.7902
1H7X	1	1	1	train	180.0293	1417.5981	39.7902
2HPR	1	2	2	train	16.1252	15.0776	32.0597
1PTR	1	2	2	train	14.1252	27.9116	32.0597
1D0Q	1	2	2	validation	19.2023	10.1854	32.0597
1WWB	1	2	2	train	16.7347	27.4413	32.0597
1JWO	1	2	2	train	16.5180	30.2096	32.0597
2GSQ	1	2	2	train	19.1667	21.8137	32.0597
1F8Y	1	2	2	train	20.7364	17.4226	32.0597
1F3L	1	2	2	validation	20.8391	18.8694	32.0597
2A0B	1	2	2	train	17.2256	37.2218	32.0597
1DY3	1	2	2	train	18.2796	36.4257	32.0597
1ZYM	1	2	2	train	22.4029	19.9112	32.0597
1PMT	1	2	2	train	19.1488	34.4995	32.0597
1LCJ	1	2	2	validation	17.1326	44.7163	32.0597
1JN3	1	2	2	validation	19.8190	36.7869	32.0597
2FHE	1	2	2	train	21.9447	27.8453	32.0597
2TMK	1	2	2	train	21.7050	31.3303	32.0597
1OPR	1	2	2	train	19.3581	45.5514	32.0597
1A5V	1	2	2	train	17.9944	51.5712	32.0597
1F75	1	2	2	validation	21.8862	37.6228	32.0597
1QB8	1	2	2	train	19.7284	47.7672	32.0597
1EX7	1	2	2	validation	18.8687	53.8065	32.0597
1ABO	1	2	2	train	17.7382	59.3463	32.0597
1HND	1	2	2	train	20.7938	46.7671	32.0597
1OTH	1	2	2	train	20.8391	49.4490	32.0597
1JMF	1	2	2	train	20.7824	52.2188	32.0597
1EZI	1	2	2	train	21.8011	47.9455	32.0597
2UKD	1	2	2	train	18.9645	60.8523	32.0597
1EP9	1	2	2	train	20.8278	53.7800	32.0597
1C02	1	2	2	train	20.9607	55.0946	32.0597

2GAR	1	2	2	train	18.9073	66.0946	32.0597
1G93	1	2	2	train	20.3068	67.7110	32.0597
1G5T	1	2	2	validation	18.2567	77.1483	32.0597
1GKX	1	2	2	validation	20.6898	67.0076	32.0597
1EH7	1	2	2	train	18.3476	77.2291	32.0597
1QHX	1	2	2	train	18.7100	77.2719	32.0597
3CLA	1	2	2	train	19.3581	74.6365	32.0597
1JBP	1	2	2	train	21.2431	68.3858	32.0597
1B92	1	2	2	train	18.0436	83.8485	32.0597
1GA8	1	2	2	validation	20.2277	75.2029	32.0597
2F3G	1	2	2	validation	20.5948	74.0177	32.0597
3PNP	1	2	2	train	20.1195	77.9792	32.0597
1AK2	1	2	2	train	19.4749	81.0513	32.0597
1EJ2	1	2	2	train	18.4797	85.7174	32.0597
1INJ	1	2	2	train	19.3581	82.9612	32.0597
4DCG	1	2	2	train	20.4848	83.6629	32.0597
2VP3	1	2	2	validation	20.4848	83.7147	32.0597
1UBV	1	2	2	train	21.1307	81.4629	32.0597
1EJ0	1	2	2	train	18.7503	93.4323	32.0597
1FO9	1	2	2	train	21.0361	84.3897	32.0597
1PHP	1	2	2	train	21.5790	87.5293	32.0597
1JSV	1	2	2	train	20.4348	92.5395	32.0597
1B38	1	2	2	train	20.4724	92.4436	32.0597
2TDT	1	2	2	train	20.2675	97.0165	32.0597
1E6B	1	2	2	validation	19.0208	103.3827	32.0597
1FW8	1	2	2	train	21.7665	92.4389	32.0597
4TMK	1	2	2	train	19.3412	103.1638	32.0597
1G0W	1	2	2	train	21.4578	97.2657	32.0597
1J7L	1	2	2	validation	40.2390	17.5619	32.0597
1DDE	1	2	2	train	20.7132	102.0071	32.0597
1B55	1	2	2	validation	20.8838	102.1527	32.0597
1JEJ	1	2	2	train	21.1617	100.9922	32.0597
1I44	1	2	2	train	20.3714	106.0326	32.0597
1QGQ	1	2	2	train	19.7589	108.8190	32.0597
1EAF	1	2	2	validation	19.8339	109.1735	32.0597
1B6B	1	2	2	train	20.8727	106.2441	32.0597
1BC5	1	2	2	train	20.2675	110.7143	32.0597
1QAM	1	2	2	train	19.7131	116.1056	32.0597
1AW9	1	2	2	validation	19.4086	117.5367	32.0597
1CR0	1	2	2	train	19.8041	116.3018	32.0597
1QPC	1	2	2	train	20.2010	114.9275	32.0597
1A9U	1	2	2	validation	21.1617	111.3595	32.0597
1PUD	1	2	2	train	21.3715	110.6856	32.0597
5KTQ	1	2	2	train	40.3480	31.5305	32.0597
6GSS	1	2	2	train	21.7751	111.8564	32.0597
1MOQ	1	2	2	validation	21.3128	114.4735	32.0597

4PFK	1	2	2	train	20.8165	117.9370	32.0597
1FPX	1	2	2	train	21.0040	117.2937	32.0597
1CSK	1	2	2	train	19.6667	127.5447	32.0597
1YGH	1	2	2	train	20.9170	122.7829	32.0597
1KDN	1	2	2	train	22.0588	118.3471	32.0597
1I59	1	2	2	validation	21.3325	122.5919	32.0597
1ZIN	1	2	2	train	19.4253	138.5341	32.0597
1QJC	1	2	2	train	20.7595	139.4846	32.0597
3THI	1	2	2	validation	21.2731	140.0025	32.0597
1GJW	1	2	2	train	41.5419	53.9670	32.0597
1PHK	1	2	2	validation	20.3068	145.0487	32.0597
1CG6	1	2	2	train	20.1875	147.9439	32.0597
1ORB	1	2	2	train	20.5095	147.9472	32.0597
1DKU	1	2	2	validation	41.0682	61.7299	32.0597
1G4E	1	2	2	train	21.9612	146.2469	32.0597
1H6J	1	2	2	train	22.3069	148.2576	32.0597
1JH8	1	2	2	train	21.1307	156.0082	32.0597
1DAW	1	2	2	train	20.9060	157.6326	32.0597
2ERK	1	2	2	validation	21.1617	159.8311	32.0597
1JDX	1	2	2	validation	21.2531	163.3005	32.0597
1HMY	1	2	2	train	20.9060	166.7696	32.0597
1G95	1	2	2	train	22.0185	163.6462	32.0597
1A26	1	2	2	train	21.1617	169.5178	32.0597
3BIF	1	2	2	validation	21.9114	168.6015	32.0597
1BT4	1	2	2	train	21.2631	175.8297	32.0597
1E8Y	1	2	2	validation	43.6279	84.5225	32.0597
3DAA	1	2	2	train	40.6136	101.7171	32.0597
1NMT	1	2	2	validation	64.6540	0.0000	32.0597
1EKP	1	2	2	train	42.6058	96.8090	32.0597
1DJ9	1	2	2	validation	21.4767	199.5433	32.0597
1DUG	1	2	2	validation	39.3953	123.5079	32.0597
1VPE	1	2	2	train	21.6154	201.7930	32.0597
2TSC	1	2	2	train	40.2664	124.4550	32.0597
1DQP	1	2	2	train	39.2708	130.0841	32.0597
1FG7	1	2	2	train	21.1617	210.1660	32.0597
1BQ6	1	2	2	train	38.2824	143.6297	32.0597
1G6T	1	2	2	train	21.8694	215.9093	32.0597
1QCF	1	2	2	train	39.0960	142.4659	32.0597
1EKK	1	2	2	train	40.3750	137.2481	32.0597
1KI2	1	2	2	train	41.4027	134.4875	32.0597
5EAU	1	2	2	train	40.1971	144.8996	32.0597
2SRC	1	2	2	train	22.0508	238.8794	32.0597
1F5A	1	2	2	train	39.1842	165.8451	32.0597
1AQY	1	2	2	train	40.7298	160.1838	32.0597
1IG8	1	2	2	train	39.4087	171.0093	32.0597
2POL	1	2	2	train	42.6249	160.3369	32.0597

1AFW	1	2	2	validation	43.1119	159.6746	32.0597
2DIK	1	2	2	train	43.8643	159.7629	32.0597
1A95	1	2	2	train	72.1233	39.7435	32.0597
1ESW	1	2	2	train	39.8724	185.5270	32.0597
1DEL	1	2	2	validation	39.4552	188.8521	32.0597
1IAH	1	2	2	train	40.6394	219.6619	32.0597
1B49	1	2	2	train	39.6082	225.1309	32.0597
3CGT	1	2	2	validation	42.1313	216.9033	32.0597
1G2O	1	2	2	train	60.3173	147.6913	32.0597
1CKN	1	2	2	train	41.5762	228.6987	32.0597
1CKJ	1	2	2	train	41.0559	231.8597	32.0597
1C2P	1	2	2	validation	60.9038	150.4151	32.0597
2FGI	1	2	2	train	40.5085	237.8361	32.0597
1E3P	1	2	2	train	41.7072	234.4363	32.0597
1XFG	1	2	2	validation	39.5329	253.6524	32.0597
1BHJ	1	2	2	train	40.9944	253.2552	32.0597
1FXJ	1	2	2	train	41.7786	265.0082	32.0597
1AD4	1	2	2	train	39.8584	289.2806	32.0597
1FR8	1	2	2	train	40.4554	297.1226	32.0597
1DLG	1	2	2	train	43.5849	289.1692	32.0597
1QJ5	1	2	2	train	43.7641	290.2329	32.0597
1NOZ	1	2	2	train	42.2198	313.8475	32.0597
1AY5	1	2	2	train	43.1025	317.0962	32.0597
1QBQ	1	2	2	train	46.3457	304.2767	32.0597
1EZ1	1	2	2	train	43.0657	318.6693	32.0597
1ONR	1	2	2	validation	41.5648	331.5546	32.0597
1TKI	1	2	2	train	41.6782	332.0257	32.0597
1A69	1	2	2	train	59.1695	268.3971	32.0597
1K06	1	2	2	validation	43.3290	340.0649	32.0597
1JKH	1	2	2	validation	62.1334	280.8035	32.0597
3CSU	1	2	2	train	61.5374	286.7783	32.0597
1F28	1	2	2	train	82.1364	202.1305	32.0597
1QK3	1	2	2	validation	78.2011	232.7214	32.0597
7AAT	1	2	2	train	43.2851	392.6132	32.0597
1I12	1	2	2	validation	72.8412	275.1114	32.0597
1BW0	1	2	2	train	43.4717	406.1271	32.0597
1IH7	1	2	2	train	44.0927	409.7430	32.0597
1FWK	1	2	2	train	82.1853	265.6967	32.0597
1BD3	1	2	2	validation	78.1598	363.0783	32.0597
1F7T	1	2	2	train	103.5061	296.7566	32.0597
1EJB	1	2	2	train	92.5061	445.1882	32.0597
1ECJ	1	2	2	train	89.5240	473.8835	32.0597
1GUP	1	2	2	train	84.3871	525.9499	32.0597
1OAT	1	2	2	train	65.0084	613.4118	32.0597
1QRK	1	2	2	validation	84.6554	563.5236	32.0597
1RK2	1	2	2	train	82.6533	576.3553	32.0597

1DD8	1	2	2	train	86.7491	573.1127	32.0597
1QHA	1	2	2	validation	88.2485	574.0883	32.0597
1NGS	1	2	2	train	84.1435	599.0996	32.0597
1HHS	1	2	2	train	125.7602	483.8987	32.0597
1QPO	1	2	2	validation	122.3813	542.8198	32.0597
1E0T	1	2	2	train	88.1063	739.9384	32.0597
1BU6	1	2	2	train	89.6990	785.9136	32.0597
1G0R	1	2	2	train	164.4797	986.8706	32.0597
1C7N	1	2	2	validation	304.9334	1120.2881	32.0597
1A49	1	2	2	train	321.1240	1089.9121	32.0597
1A9X	1	2	2	train	266.8512	2260.2308	32.0597
2CI2	1	3	3	train	15.0726	6.7519	51.4110
1JAN	1	3	3	validation	18.4797	1.8486	51.4110
8LPR	1	3	3	train	19.1488	0.0000	51.4110
1DIX	1	3	3	train	19.2724	0.0000	51.4110
2FIV	1	3	3	train	19.6354	0.2179	51.4110
1B0E	1	3	3	validation	19.7891	0.0000	51.4110
2EST	1	3	3	train	19.8190	0.0000	51.4110
1PML	1	3	3	train	20.0362	0.0000	51.4110
1IVP	1	3	3	train	19.1308	4.3396	51.4110
2THF	1	3	3	train	20.3198	0.0000	51.4110
1F0R	1	3	3	validation	20.4096	0.0000	51.4110
1D6W	1	3	3	train	20.4348	0.0000	51.4110
2ER6	1	3	3	train	21.0147	0.0000	51.4110
1SMR	1	3	3	validation	21.0254	0.0000	51.4110
1J80	1	3	3	train	17.1639	16.7379	51.4110
1AYD	1	3	3	validation	16.6639	18.9450	51.4110
1BAI	1	3	3	train	19.9938	7.7715	51.4110
1DUP	1	3	3	train	17.7382	17.7189	51.4110
1PMK	1	3	3	validation	18.2336	15.7344	51.4110
1FH0	1	3	3	train	22.0103	0.0000	51.4110
3BIR	1	3	3	train	16.7696	22.7190	51.4110
1DUC	1	3	3	train	17.3163	20.5271	51.4110
2PKA	1	3	3	train	22.1694	0.0000	51.4110
1XNC	1	3	3	train	18.8493	14.5584	51.4110
1MAC	1	3	3	train	21.8439	3.6680	51.4110
1PI2	1	3	3	train	14.8432	33.5950	51.4110
1SVP	1	3	3	train	20.8278	8.4979	51.4110
1HI3	1	3	3	train	17.7116	23.3197	51.4110
1JHE	1	3	3	train	19.9075	14.3183	51.4110
3PRK	1	3	3	validation	20.3842	12.6523	51.4110
1LSP	1	3	3	train	18.8493	19.7178	51.4110
1ILZ	1	3	3	train	20.0362	21.5467	51.4110
1AJ5	1	3	3	train	21.1099	19.0811	51.4110
1B1E	1	3	3	validation	17.3755	40.6565	51.4110
1BOX	1	3	3	train	16.4428	45.0515	51.4110

1G6L	1	3	3	train	19.0945	33.8826	51.4110
1B6A	1	3	3	train	21.2026	28.4506	51.4110
1GHR	1	3	3	validation	20.6663	31.0086	51.4110
1RLW	1	3	3	validation	17.4625	45.2231	51.4110
1KVA	1	3	3	train	18.2104	44.9780	51.4110
1FYE	1	3	3	train	19.4749	39.7032	51.4110
2PF1	1	3	3	train	17.3163	54.6656	51.4110
1KVW	1	3	3	validation	17.3755	54.6514	51.4110
1IRB	1	3	3	train	17.3755	54.9785	51.4110
4LZM	1	3	3	validation	18.3699	51.8960	51.4110
1CEN	1	3	3	train	20.9824	41.0602	51.4110
1LLO	1	3	3	train	20.2543	44.5656	51.4110
1C7K	1	3	3	validation	17.6305	57.8693	51.4110
3TGL	1	3	3	train	20.1469	48.1731	51.4110
1J71	1	3	3	validation	21.0254	44.4862	51.4110
1BYS	1	3	3	train	18.1398	56.9589	51.4110
4AIG	1	3	3	train	19.1488	53.9315	51.4110
1ENI	1	3	3	train	17.7647	60.1032	51.4110
2EQL	1	3	3	train	17.5474	61.9120	51.4110
1KAA	1	3	3	train	17.7382	63.4262	51.4110
1BWP	1	3	3	train	19.3412	56.6620	51.4110
1XPS	1	3	3	train	19.9075	54.8591	51.4110
1I9Z	1	3	3	train	21.0147	56.4874	51.4110
1EMV	1	3	3	validation	19.3751	63.5981	51.4110
1ARC	1	3	3	train	20.1195	60.6004	51.4110
1PHR	1	3	3	train	18.1870	70.1539	51.4110
1GGV	1	3	3	train	19.6511	64.0548	51.4110
1IO2	1	3	3	train	19.3581	66.9590	51.4110
1I9T	1	3	3	validation	18.9645	68.8927	51.4110
1HFC	1	3	3	train	18.2567	74.0223	51.4110
3ENG	1	3	3	train	19.3581	71.0066	51.4110
1MPP	1	3	3	train	21.2229	63.1185	51.4110
1EVX	1	3	3	validation	20.8727	71.6701	51.4110
3CMS	1	3	3	train	20.9170	72.9859	51.4110
2AXE	1	3	3	train	19.2199	81.4527	51.4110
1PGS	1	3	3	train	20.7248	76.0301	51.4110
1XJO	1	3	3	validation	20.2144	79.3808	51.4110
1KLT	1	3	3	train	19.5721	82.5571	51.4110
1JK7	1	3	3	train	20.5218	79.1395	51.4110
1BMQ	1	3	3	validation	20.0080	81.3702	51.4110
1CNS	1	3	3	train	22.3367	71.4580	51.4110
1I8A	1	3	3	train	18.9265	86.3093	51.4110
1YAL	1	3	3	train	19.4086	85.4307	51.4110
1EOM	1	3	3	train	20.3842	81.3593	51.4110
1CWR	1	3	3	train	18.6896	90.5633	51.4110
1POO	1	3	3	validation	21.1822	80.8793	51.4110

1ES8	1	3	3	train	18.9834	91.7852	51.4110
1INC	1	3	3	train	19.7891	89.5386	51.4110
1C77	1	3	3	validation	20.0502	90.0109	51.4110
4MAT	1	3	3	validation	20.2277	90.9417	51.4110
1ZRM	1	3	3	train	19.4749	95.8269	51.4110
1B31	1	3	3	train	20.6068	91.4460	51.4110
1QDQ	1	3	3	train	19.9509	94.5488	51.4110
3BLM	1	3	3	validation	20.0362	94.5454	51.4110
1L97	1	3	3	train	20.9170	91.6161	51.4110
1INO	1	3	3	train	18.6486	101.4436	51.4110
1DKM	1	3	3	train	21.7227	92.6337	51.4110
1FC7	1	3	3	validation	21.5049	94.7464	51.4110
1XZA	1	3	3	train	19.0762	105.5038	51.4110
1XPB	1	3	3	train	20.1195	101.7587	51.4110
3VGC	1	3	3	train	19.7284	104.2647	51.4110
1QJI	1	3	3	train	19.1308	111.8389	51.4110
3PTD	1	3	3	train	20.5463	105.7894	51.4110
1YME	1	3	3	train	20.6781	106.4338	51.4110
1XYS	1	3	3	validation	21.0994	105.5378	51.4110
1CVL	1	3	3	validation	20.7824	107.4246	51.4110
1CMV	1	3	3	train	38.3137	32.6896	51.4110
1FBT	1	3	3	validation	21.3715	107.0852	51.4110
2EUG	1	3	3	train	19.5560	115.9216	51.4110
1FCQ	1	3	3	train	20.7595	112.0523	51.4110
1C3F	1	3	3	train	20.1469	117.3983	51.4110
3BC2	1	3	3	train	19.3751	121.4555	51.4110
2TLI	1	3	3	validation	20.7824	115.9655	51.4110
3GCB	1	3	3	train	39.2393	37.9871	51.4110
1DJO	1	3	3	train	41.8778	28.5480	51.4110
1J9M	1	3	3	train	20.0362	122.1439	51.4110
1MUY	1	3	3	train	19.5560	124.8826	51.4110
1QDR	1	3	3	train	20.7364	121.7380	51.4110
1CPM	1	3	3	train	19.3751	129.9931	51.4110
1KAP	1	3	3	train	22.2464	118.1263	51.4110
1ALN	1	3	3	train	20.5218	129.0010	51.4110
1JLN	1	3	3	train	20.5585	130.6894	51.4110
2MAN	1	3	3	train	20.5706	131.0880	51.4110
1ESD	1	3	3	validation	20.6188	132.0032	51.4110
1A77	1	3	3	train	20.7710	132.2342	51.4110
1CIP	1	3	3	validation	20.7824	133.6893	51.4110
1KAX	1	3	3	train	21.4293	136.7273	51.4110
3PBH	1	3	3	train	20.7938	141.7902	51.4110
3SIL	1	3	3	validation	37.9477	72.5284	51.4110
1QTR	1	3	3	train	20.7595	146.7155	51.4110
1BK4	1	3	3	train	20.7595	148.5174	51.4110
1YTN	1	3	3	train	20.3842	151.4724	51.4110

1BN6	1	3	3	validation	20.5218	152.4358	51.4110
1C7I	1	3	3	train	22.3143	146.4788	51.4110
1NSA	1	3	3	validation	21.5881	153.1003	51.4110
8A3H	1	3	3	train	36.2697	91.2611	51.4110
1J97	1	3	3	train	21.7838	156.4306	51.4110
1EUU	1	3	3	train	41.2015	73.6963	51.4110
1EUS	1	3	3	train	21.2330	159.6658	51.4110
1A8D	1	3	3	train	39.1438	86.2671	51.4110
1XGS	1	3	3	train	41.0682	78.2613	51.4110
3CBH	1	3	3	train	21.3029	163.6089	51.4110
1G9Q	1	3	3	train	21.6962	166.4679	51.4110
1JDA	1	3	3	train	21.7925	168.3284	51.4110
1AUR	1	3	3	train	21.9447	171.6702	51.4110
1BLI	1	3	3	train	39.5875	98.9104	51.4110
1CEF	1	3	3	train	21.1203	184.0974	51.4110
2MJP	1	3	3	validation	21.3325	187.3684	51.4110
2HAD	1	3	3	validation	20.7132	192.7953	51.4110
1F83	1	3	3	validation	39.2549	116.9229	51.4110
1E7L	1	3	3	train	36.8722	127.2698	51.4110
1EQC	1	3	3	train	21.5790	193.4755	51.4110
1B9T	1	3	3	train	21.5421	202.1277	51.4110
1HUC	1	3	3	train	22.4680	198.4601	51.4110
1G0C	1	3	3	validation	21.2330	209.3487	51.4110
1JAE	1	3	3	train	22.2158	207.5176	51.4110
1IMA	1	3	3	validation	40.4820	131.2274	51.4110
1AGJ	1	3	3	train	39.6381	136.6915	51.4110
6TAA	1	3	3	train	22.2616	211.2790	51.4110
1GA4	1	3	3	train	37.6787	146.0889	51.4110
1NNA	1	3	3	train	21.5142	220.3726	51.4110
1LAM	1	3	3	train	39.6331	147.9567	51.4110
1G3K	1	3	3	validation	55.8213	92.5489	51.4110
1FO2	1	3	3	train	39.2071	164.3436	51.4110
1DFA	1	3	3	train	38.3415	168.3090	51.4110
1AYX	1	3	3	train	39.7516	164.1983	51.4110
1A2P	1	3	3	train	50.7177	118.3194	51.4110
1F9O	1	3	3	train	41.5302	162.2521	51.4110
1QFS	1	3	3	train	42.3996	164.0205	51.4110
1EDQ	1	3	3	train	40.4287	173.3969	51.4110
1AZ3	1	3	3	train	21.6425	261.6352	51.4110
1G0H	1	3	3	train	39.9305	185.9597	51.4110
1OIL	1	3	3	validation	41.6556	181.6634	51.4110
9GAC	1	3	3	validation	40.6913	189.2587	51.4110
1WL9	1	3	3	validation	38.9319	199.2832	51.4110
1QID	1	3	3	train	40.3201	199.2075	51.4110
1QSA	1	3	3	train	41.4030	200.2891	51.4110
1QH5	1	3	3	train	40.1562	211.7255	51.4110

1QAS	1	3	3	train	44.9432	191.3912	51.4110
1F1J	1	3	3	train	49.2975	174.7271	51.4110
1QAE	1	3	3	validation	39.5782	217.1570	51.4110
1YFO	1	3	3	train	40.6655	214.7090	51.4110
1F6W	1	3	3	train	40.3339	216.1800	51.4110
1XO1	1	3	3	train	39.7271	220.4252	51.4110
1B1Y	1	3	3	validation	39.8720	233.7451	51.4110
1YPP	1	3	3	train	40.7427	231.3833	51.4110
1HP5	1	3	3	validation	39.8567	237.4997	51.4110
1QM6	1	3	3	train	42.7041	238.6514	51.4110
2GAC	1	3	3	validation	71.1105	125.6630	51.4110
3BLS	1	3	3	train	42.4458	270.3568	51.4110
1QH7	1	3	3	train	66.8811	174.7433	51.4110
2FOK	1	3	3	train	81.3561	114.5407	51.4110
1BS4	1	3	3	train	55.6304	226.8057	51.4110
1AJA	1	3	3	train	43.8645	278.7049	51.4110
1JXZ	1	3	3	validation	60.5217	218.4420	51.4110
3SLI	1	3	3	validation	42.0827	308.3085	51.4110
1QCO	1	3	3	train	43.5676	303.4042	51.4110
2UBP	1	3	3	train	74.7786	187.5422	51.4110
1QVB	1	3	3	train	44.5987	318.5780	51.4110
4PBG	1	3	3	train	44.4008	326.8608	51.4110
1HPL	1	3	3	train	44.1016	339.3303	51.4110
1AI4	1	3	3	train	59.8874	281.5641	51.4110
1DU4	1	3	3	train	80.8038	193.3013	51.4110
1QHH	1	3	3	validation	71.6863	242.7338	51.4110
1EOI	1	3	3	train	58.5227	317.5374	51.4110
1D8I	1	3	3	train	61.3422	312.8260	51.4110
1IOF	1	3	3	train	57.8171	345.0027	51.4110
1QBB	1	3	3	train	92.2341	202.1088	51.4110
1JGM	1	3	3	train	41.9106	426.9302	51.4110
1E4L	1	3	3	validation	79.4483	296.6187	51.4110
1QA7	1	3	3	validation	77.5669	312.7985	51.4110
3RAN	1	3	3	train	76.7201	356.9642	51.4110
2USH	1	3	3	train	45.0632	495.6827	51.4110
1TF4	1	3	3	validation	82.4954	353.9350	51.4110
1E6P	1	3	3	train	79.6585	381.1570	51.4110
1II0	1	3	3	validation	81.1547	464.0379	51.4110
1E3U	1	3	3	train	138.5719	229.5091	51.4110
2MAS	1	3	3	train	82.9918	524.5214	51.4110
2PVA	1	3	3	train	83.7994	605.4299	51.4110
1FO6	1	3	3	validation	82.4751	611.7916	51.4110
4FBP	1	3	3	train	83.1752	608.8704	51.4110
1DCU	1	3	3	train	83.6012	619.1202	51.4110
1A4M	1	3	3	train	84.5642	819.6670	51.4110
3CEV	1	3	3	train	123.4238	1101.7357	51.4110

1FFU	1	3	3	train	194.4738	911.2969	51.4110
1E1R	1	3	3	validation	254.0992	824.4912	51.4110
1A8R	1	3	3	train	292.3692	1030.3967	51.4110
1BGL	1	3	3	train	360.2015	2353.5835	51.4110
1B66	1	4	4	train	20.2937	8.0169	31.9849
1QCZ	1	4	4	train	18.2796	33.6949	31.9849
1DV7	1	4	4	validation	19.3412	37.7866	31.9849
1HD7	1	4	4	train	20.0642	54.0757	31.9849
1QCX	1	4	4	train	21.2431	49.8247	31.9849
1JD3	1	4	4	train	18.4142	69.6785	31.9849
1BIX	1	4	4	validation	20.2806	63.0751	31.9849
2FUA	1	4	4	train	19.3069	73.2129	31.9849
1YPN	1	4	4	train	20.5218	70.0125	31.9849
1FX4	1	4	4	train	19.6511	76.3938	31.9849
1MKA	1	4	4	validation	21.0679	71.7974	31.9849
1QRF	1	4	4	train	19.2375	80.1730	31.9849
1QRE	1	4	4	validation	19.3069	80.9437	31.9849
1I6P	1	4	4	train	19.3751	81.9530	31.9849
2JFN	1	4	4	train	20.1605	80.2561	31.9849
2BSP	1	4	4	train	21.6245	75.6869	31.9849
1JD0	1	4	4	train	40.1423	0.0000	31.9849
5YAS	1	4	4	validation	20.0221	90.6185	31.9849
1JUK	1	4	4	train	19.8929	91.8349	31.9849
1KOQ	1	4	4	train	22.0022	91.2403	31.9849
6ENL	1	4	4	train	21.9447	96.8579	31.9849
1PLU	1	4	4	train	21.1720	102.2285	31.9849
1YLV	1	4	4	train	21.0679	106.3432	31.9849
1DS0	1	4	4	train	20.8615	108.5318	31.9849
1F9Z	1	4	4	validation	20.0221	125.2155	31.9849
1C1H	1	4	4	validation	20.7132	130.9700	31.9849
1J93	1	4	4	train	21.0784	132.5397	31.9849
3RUB	1	4	4	train	40.7426	67.7833	31.9849
1I72	1	4	4	validation	20.7364	170.1409	31.9849
1B57	1	4	4	train	42.2198	113.5536	31.9849
1YLH	1	4	4	train	22.6085	198.8851	31.9849
1YGG	1	4	4	train	22.6291	200.4074	31.9849
1C3U	1	4	4	train	43.6708	114.7325	31.9849
1JF9	1	4	4	validation	21.6784	208.7606	31.9849
1OEN	1	4	4	validation	22.6085	212.2739	31.9849
1QNF	1	4	4	train	39.5006	142.3851	31.9849
3CSC	1	4	4	train	21.8862	221.8491	31.9849
2JFP	1	4	4	train	22.6768	221.7129	31.9849
2PXZ	1	4	4	train	22.6223	231.3047	31.9849
2PY7	1	4	4	train	22.6835	237.4099	31.9849
1K3C	1	4	4	validation	22.6835	237.4725	31.9849
2OLQ	1	4	4	train	22.6835	241.8097	31.9849

2OLR	1	4	4	train	22.7037	242.4282	31.9849
1OS1	1	4	4	train	22.6970	244.3492	31.9849
1K3D	1	4	4	validation	22.6835	245.3067	31.9849
3STD	1	4	4	train	55.1097	135.4563	31.9849
1GEQ	1	4	4	train	39.6676	210.1297	31.9849
1CSM	1	4	4	train	39.9305	212.3434	31.9849
1DHP	1	4	4	validation	40.9944	208.0425	31.9849
1AQ2	1	4	4	train	40.3430	216.7422	31.9849
1KHB	1	4	4	train	23.1156	294.3105	31.9849
1M51	1	4	4	train	23.1156	294.5942	31.9849
1KHF	1	4	4	train	23.1156	295.5000	31.9849
1NHX	1	4	4	validation	23.1275	297.8434	31.9849
1FWN	1	4	4	train	40.0440	230.0672	31.9849
1KHE	1	4	4	train	22.9876	304.1278	31.9849
1KHG	1	4	4	train	23.1156	304.3213	31.9849
2RKD	1	4	4	validation	23.2507	304.6145	31.9849
1D7K	1	4	4	validation	43.4188	230.0636	31.9849
1I1Q	1	4	4	train	41.3936	244.1925	31.9849
2RKE	1	4	4	train	23.2794	339.5919	31.9849
1EGU	1	4	4	train	42.5162	276.3851	31.9849
1EUA	1	4	4	train	58.0744	213.6100	31.9849
2FUS	1	4	4	train	78.3171	129.1011	31.9849
7ACN	1	4	4	train	42.8287	303.0865	31.9849
1D6S	1	4	4	train	41.7006	330.6662	31.9849
1AUW	1	4	4	train	88.1386	135.9011	31.9849
1CL2	1	4	4	validation	76.2086	209.8244	31.9849
2RUS	1	4	4	validation	43.9633	355.8537	31.9849
1E5E	1	4	4	train	43.1487	368.3489	31.9849
1BH5	1	4	4	train	74.9598	232.9879	31.9849
1ELU	1	4	4	validation	42.9156	387.5856	31.9849
2AHJ	1	4	4	train	76.6507	326.0048	31.9849
1PVD	1	4	4	train	80.7681	315.4810	31.9849
2TPL	1	4	4	train	44.1815	471.8724	31.9849
1G1A	1	4	4	train	84.6878	302.1647	31.9849
1EGH	1	4	4	train	108.7914	263.2832	31.9849
1DCO	1	4	4	train	132.7337	301.4615	31.9849
1B6S	1	4	4	train	84.6670	552.2425	31.9849
1DQX	1	4	4	validation	80.6961	659.5333	31.9849
1ADO	1	4	4	validation	150.2166	375.4414	31.9849
1GG1	1	4	4	train	84.1973	691.2627	31.9849
1F8I	1	4	4	train	154.9217	430.7925	31.9849
2DUB	1	4	4	train	120.0335	612.0805	31.9849
1EEX	1	4	4	train	153.4128	570.1499	31.9849
1JDF	1	4	4	validation	155.9294	757.1930	31.9849
1DWK	1	4	4	train	207.6439	638.2346	31.9849
1JC4	1	5	5	train	0.0000	0.0000	19.3915

3CYH	1	5	5	train	18.4580	7.4406	19.3915
1LOP	1	5	5	train	18.4797	19.2859	19.3915
1IIP	1	5	5	validation	20.5585	11.1865	19.3915
2FKE	1	5	5	validation	16.8723	36.8240	19.3915
1PBK	1	5	5	train	17.1639	37.3326	19.3915
1F8A	1	5	5	train	18.3251	33.1744	19.3915
8CHO	1	5	5	train	17.4337	46.0852	19.3915
1F2V	1	5	5	train	19.2897	53.4408	19.3915
1A33	1	5	5	validation	18.6279	71.6024	19.3915
1CD5	1	5	5	train	20.1605	72.5528	19.3915
2JFW	1	5	5	train	20.2144	74.5921	19.3915
1X82	1	5	5	train	18.8493	83.3856	19.3915
1X7N	1	5	5	validation	18.9265	88.0335	19.3915
1MDL	1	5	5	train	21.2229	90.1890	19.3915
1E6U	1	5	5	train	20.7710	99.5328	19.3915
1HNU	1	5	5	train	19.9075	109.1317	19.3915
1B74	1	5	5	validation	19.9652	120.5442	19.3915
1EYQ	1	5	5	train	21.8439	117.3773	19.3915
1TZC	1	5	5	train	23.1156	115.1414	19.3915
1B73	1	5	5	train	19.9652	129.8272	19.3915
2JFZ	1	5	5	train	22.4608	119.2191	19.3915
2GC0	1	5	5	train	21.4101	129.8628	19.3915
1HX3	1	5	5	validation	21.2128	131.2686	19.3915
2GC3	1	5	5	train	21.4101	134.0835	19.3915
2GC2	1	5	5	validation	21.4101	134.7566	19.3915
1J3Q	1	5	5	train	21.3520	137.3349	19.3915
1QXJ	1	5	5	train	21.3909	137.8637	19.3915
1QXR	1	5	5	train	21.3909	137.8804	19.3915
1QY4	1	5	5	validation	21.3909	137.9502	19.3915
2JFY	1	5	5	train	22.5107	134.5804	19.3915
1X8E	1	5	5	train	21.4293	139.2543	19.3915
1J3R	1	5	5	train	21.3715	141.0465	19.3915
2GC1	1	5	5	validation	21.4197	143.0210	19.3915
1J3P	1	5	5	train	21.3520	143.3919	19.3915
1PGI	1	5	5	train	22.5389	146.5782	19.3915
1DZT	1	5	5	validation	21.3128	160.8920	19.3915
1YDV	1	5	5	train	22.3810	160.4110	19.3915
1XIB	1	5	5	train	21.5235	177.6916	19.3915
1G58	1	5	5	train	21.5606	179.4225	19.3915
1CY0	1	5	5	train	40.3480	117.1149	19.3915
1C7R	1	5	5	train	21.9114	199.0768	19.3915
2PGI	1	5	5	train	21.9940	212.6978	19.3915
1C7Q	1	5	5	validation	21.9940	216.6904	19.3915
1BD0	1	5	5	validation	42.9061	139.5530	19.3915
2VVT	1	5	5	train	22.6835	236.4255	19.3915
1EQJ	1	5	5	train	39.9874	165.9887	19.3915

1NUH	1	5	5	train	22.8161	246.2377	19.3915
2JFQ	1	5	5	train	22.6496	254.3182	19.3915
1GZV	1	5	5	train	22.8095	254.4556	19.3915
1GZD	1	5	5	train	22.8095	258.6308	19.3915
1T10	1	5	5	train	22.8226	270.5364	19.3915
1Q50	1	5	5	train	22.8549	273.9455	19.3915
2UDP	1	5	5	train	42.0508	202.2053	19.3915
3PMG	1	5	5	validation	81.4068	146.6559	19.3915
1G98	1	5	5	validation	81.2469	194.0677	19.3915
4GSA	1	5	5	train	43.7388	366.0045	19.3915
4PGM	1	5	5	train	78.8675	235.6960	19.3915
2SQC	1	5	5	train	82.9181	378.1422	19.3915
1CCW	1	5	5	train	114.7686	461.5379	19.3915
4OTB	1	5	5	validation	176.6126	258.1147	19.3915
7REQ	1	5	5	train	168.0317	411.1702	19.3915
1D8W	1	5	5	train	152.5815	538.4082	19.3915
1COM	1	5	5	validation	205.7739	343.0396	19.3915
1R1B	1	6	6	validation	28.0000	0.9109	17.5971
3E95	1	6	6	validation	21.9281	49.2390	17.5971
2PE6	1	6	6	train	19.7131	58.9530	17.5971
2C4P	1	6	6	train	20.5827	55.3532	17.5971
2GRN	1	6	6	train	20.7595	55.5024	17.5971
2GRO	1	6	6	train	20.7595	56.6144	17.5971
2GRQ	1	6	6	train	20.7595	56.6193	17.5971
2GRR	1	6	6	train	20.7595	58.7575	17.5971
3BZH	1	6	6	validation	18.5227	69.7442	17.5971
2GRP	1	6	6	train	20.7595	63.9769	17.5971
1IOW	1	6	6	validation	20.6663	67.1620	17.5971
2Z5D	1	6	6	train	20.6307	71.8817	17.5971
2Z6P	1	6	6	train	18.3251	83.6978	17.5971
2JFV	1	6	6	train	20.2144	76.7978	17.5971
2Z6O	1	6	6	train	18.4580	86.5231	17.5971
1JBV	1	6	6	train	21.6605	75.5007	17.5971
2EKE	1	6	6	validation	22.3441	72.7521	17.5971
1Y8X	1	6	6	train	19.8929	88.2047	17.5971
1JAT	1	6	6	train	20.4848	87.2496	17.5971
3F92	1	6	6	train	19.2724	93.6640	17.5971
3E46	1	6	6	validation	19.2724	94.3690	17.5971
1XR9	1	6	6	train	21.6695	85.8448	17.5971
2GLT	1	6	6	train	20.5463	96.5734	17.5971
1JBB	1	6	6	train	20.5341	106.8611	17.5971
2JFU	1	6	6	train	20.2277	108.3356	17.5971
2CYX	1	6	6	validation	22.4894	101.3223	17.5971
2F4Z	1	6	6	train	20.4474	113.5302	17.5971
1H4V	1	6	6	train	21.6695	121.3226	17.5971
1Z5S	1	6	6	validation	22.0987	134.0324	17.5971

2JFX	1	6	6	train	22.4102	132.8152	17.5971
2F4W	1	6	6	train	20.5827	155.9414	17.5971
1I7K	1	6	6	train	20.5463	158.0638	17.5971
2TS1	1	6	6	train	20.7938	161.4011	17.5971
2UAG	1	6	6	train	21.8778	158.3360	17.5971
1MKH	1	6	6	train	56.0000	15.6175	17.5971
1YLA	1	6	6	validation	21.6515	182.3927	17.5971
1NHT	1	6	6	validation	38.7990	134.7416	17.5971
1YF9	1	6	6	train	22.2692	209.9042	17.5971
1QMH	1	6	6	train	41.9757	131.5948	17.5971
2JFO	1	6	6	train	22.6768	242.2637	17.5971
1E1O	1	6	6	train	39.6381	176.7828	17.5971
1EOV	1	6	6	train	39.6815	202.7507	17.5971
1FBV	1	6	6	train	22.7171	281.0241	17.5971
11AS	1	6	6	validation	41.8119	202.6142	17.5971
1HXD	1	6	6	train	41.3089	225.4577	17.5971
1F4L	1	6	6	train	40.4950	230.3443	17.5971
1DV1	1	6	6	validation	43.7976	235.1512	17.5971
1EUD	1	6	6	train	42.2242	272.9896	17.5971
2NSY	1	6	6	validation	40.4554	304.7028	17.5971
1SET	1	6	6	train	43.6366	296.2983	17.5971
1H6J	1	6	6	train	106.0000	30.8749	17.5971
2DXA	1	6	6	train	110.0000	53.7986	17.5971
1B7Y	1	6	6	train	63.1844	283.4330	17.5971
2HL0	1	6	6	train	135.0000	14.4219	17.5971
2HKZ	1	6	6	validation	134.0000	19.2123	17.5971
2RIQ	1	6	6	train	143.0000	7.0941	17.5971
1E7Z	1	6	6	train	143.0000	7.2115	17.5971
1ADE	1	6	6	train	77.7652	292.8687	17.5971
1GTD	1	6	6	train	155.0000	11.6597	17.5971
1KNK	1	6	6	train	143.0000	66.4311	17.5971
1KNJ	1	6	6	validation	143.0000	69.5671	17.5971
2CZT	1	6	6	validation	143.0000	73.6413	17.5971
1KRS	1	6	6	train	152.0000	42.0442	17.5971
3DFR	1	6	6	validation	162.0000	10.9921	17.5971
1T4A	1	6	6	validation	164.0000	2.5694	17.5971
1GSG	1	6	6	validation	155.0000	41.2305	17.5971
1Y2Q	1	6	6	train	156.0000	37.8631	17.5971
1U7U	1	6	6	train	164.0000	12.7655	17.5971
2Z0K	1	6	6	train	156.0000	53.4752	17.5971
1WK9	1	6	6	train	152.0000	76.3416	17.5971
1WKA	1	6	6	train	155.0000	77.0389	17.5971
1FL0	1	6	6	train	173.0000	19.3883	17.5971
1G51	1	6	6	train	81.8688	439.0173	17.5971
1WNZ	1	6	6	validation	180.0000	31.9706	17.5971
1MEA	1	6	6	train	198.0000	17.6333	17.5971

2CBG	1	6	6	train	210.0000	13.4231	17.5971
2CB9	1	6	6	train	212.0000	18.5645	17.5971
1DAI	1	6	6	train	219.0000	3.3172	17.5971
1DAE	1	6	6	train	219.0000	3.4534	17.5971
1DTS	1	6	6	train	220.0000	3.4012	17.5971
2E1B	1	6	6	train	216.0000	21.3865	17.5971
1EVL	1	6	6	validation	153.0593	299.6378	17.5971
3D0F	1	6	6	train	223.0000	4.6690	17.5971
1DBS	1	6	6	train	224.0000	2.8453	17.5971
1DAD	1	6	6	train	224.0000	3.2716	17.5971
1BS1	1	6	6	validation	224.0000	3.3494	17.5971
1DAH	1	6	6	train	224.0000	3.3658	17.5971
1DAF	1	6	6	validation	224.0000	3.3689	17.5971
1A82	1	6	6	train	224.0000	3.3693	17.5971
1DAK	1	6	6	train	224.0000	3.3847	17.5971
1DAG	1	6	6	train	224.0000	3.4831	17.5971
1DAM	1	6	6	train	224.0000	3.5014	17.5971
1INJ	1	6	6	train	213.0000	51.6939	17.5971
1TJE	1	6	6	train	224.0000	10.0817	17.5971
1TKY	1	6	6	train	224.0000	10.4776	17.5971
1TKG	1	6	6	train	224.0000	11.1204	17.5971
1TKE	1	6	6	train	224.0000	13.0350	17.5971
1INI	1	6	6	validation	225.0000	16.4900	17.5971
2QMO	1	6	6	validation	227.0000	10.5557	17.5971
1I52	1	6	6	train	225.0000	36.5290	17.5971
1X07	1	6	6	train	231.0000	11.4557	17.5971
1X09	1	6	6	train	231.0000	19.0943	17.5971
1QR0	1	6	6	validation	228.0000	43.2759	17.5971
1X08	1	6	6	validation	228.0000	43.2901	17.5971
1X06	1	6	6	train	229.0000	40.6640	17.5971
2YZL	1	6	6	train	238.0000	30.9206	17.5971
2VKT	1	6	6	validation	252.0000	8.0217	17.5971
2ZIO	1	6	6	train	255.0000	17.1028	17.5971
1HC7	1	6	6	train	157.5918	433.7523	17.5971
2J1O	1	6	6	validation	255.0000	26.8910	17.5971
1UOG	1	6	6	train	256.0000	23.9100	17.5971
2ONB	1	6	6	train	260.0000	7.2523	17.5971
1WXF	1	6	6	train	255.0000	33.0777	17.5971
1WXG	1	6	6	train	255.0000	34.5480	17.5971
1WXH	1	6	6	train	255.0000	35.2975	17.5971
1XNH	1	6	6	train	251.0000	53.5472	17.5971
1WXE	1	6	6	validation	258.0000	35.0488	17.5971
2E3C	1	6	6	validation	260.0000	27.3597	17.5971
1WXI	1	6	6	train	261.0000	34.9768	17.5971
2V4U	1	6	6	train	266.0000	15.2858	17.5971
2W7T	1	6	6	train	263.0000	32.6501	17.5971

1WZU	1	6	6	train	271.0000	8.6272	17.5971
1TJS	1	6	6	train	264.0000	42.6286	17.5971
1AOB	1	6	6	validation	264.0000	44.7855	17.5971
1BID	1	6	6	train	264.0000	44.9318	17.5971
1BDU	1	6	6	train	264.0000	45.0898	17.5971
3EWB	1	6	6	train	269.0000	24.4069	17.5971
2YV1	1	6	6	train	268.0000	36.1692	17.5971
1PHQ	1	6	6	train	272.0000	28.4302	17.5971
1UOF	1	6	6	validation	272.0000	28.9061	17.5971
1PHW	1	6	6	train	272.0000	30.8191	17.5971
2YV2	1	6	6	train	269.0000	43.8487	17.5971
1X6U	1	6	6	train	272.0000	31.4901	17.5971
1PL9	1	6	6	train	272.0000	32.3963	17.5971
1Q3N	1	6	6	train	272.0000	33.0097	17.5971
1X8F	1	6	6	validation	273.0000	31.0745	17.5971
2A88	1	6	6	train	276.0000	32.1089	17.5971
1OI7	1	6	6	train	270.0000	62.3653	17.5971
2A7X	1	6	6	validation	277.0000	36.6529	17.5971
2HSN	1	6	6	train	280.0000	24.1270	17.5971
1UO9	1	6	6	train	286.0000	16.5655	17.5971
1BIA	1	6	6	train	292.0000	18.6485	17.5971
2QS0	1	6	6	validation	294.0000	15.4435	17.5971
1BIB	1	6	6	train	294.0000	24.7113	17.5971
1NNH	1	6	6	train	293.0000	33.0586	17.5971
2HSM	1	6	6	train	299.0000	8.8338	17.5971
2HL2	1	6	6	train	286.0000	75.9033	17.5971
1GLV	1	6	6	validation	300.0000	21.3608	17.5971
2H1W	1	6	6	validation	309.0000	21.6750	17.5971
2Z01	1	6	6	train	313.0000	24.8751	17.5971
2YVQ	1	6	6	train	482.0000	27.9852	17.5971
1U3G	1	6	6	train	526.0000	5.2252	17.5971
1F52	1	6	6	train	472.7295	1065.4365	17.5971
1JET-B	-1	-1	1	train	3.9668	0.0000	39.7902
1EE4-F	-1	-1	1	validation	5.0055	0.0000	39.7902
1EE4-D	-1	-1	1	train	5.8112	4.6560	39.7902
1QSC-E	-1	-1	1	train	6.4695	2.8891	39.7902
1QSC-D	-1	-1	1	validation	6.4695	2.9251	39.7902
1QSC-F	-1	-1	1	train	6.4695	2.9579	39.7902
1EE4-E	-1	-1	1	train	7.9336	3.5503	39.7902
1EE4-C	-1	-1	1	train	7.9336	3.5820	39.7902
1JB6	-1	-1	1	train	14.6611	0.0000	39.7902
1RH4	-1	-1	1	validation	12.2808	10.4342	39.7902
1LGH-K	-1	-1	1	train	13.5807	5.5486	39.7902
1LGH-B	-1	-1	1	validation	13.5807	5.5508	39.7902
1LGH-H	-1	-1	1	validation	13.5807	5.5513	39.7902
1LGH-E	-1	-1	1	train	13.5807	5.5530	39.7902

2PLH	-1	-1	1	validation	13.7448	6.0848	39.7902
1MOF	-1	-1	1	train	14.3356	4.8739	39.7902
2ERA	-1	-1	1	validation	14.9019	2.4539	39.7902
1QM7	-1	-1	1	validation	14.8432	3.6040	39.7902
1G3J-D	-1	-1	1	train	12.7327	16.4286	39.7902
1YPA	-1	-1	1	train	15.0166	6.8526	39.7902
1HH0	-1	-1	1	validation	13.8242	12.1578	39.7902
1G3J-B	-1	-1	1	train	13.4087	14.4153	39.7902
2WRP	-1	-1	1	validation	16.8042	0.0000	39.7902
2ERL	-1	-1	1	train	13.3195	15.8654	39.7902
1ROP	-1	-1	1	train	14.5344	13.0289	39.7902
3OVO	-1	-1	1	train	14.5344	13.1880	39.7902
1NKD	-1	-1	1	train	14.7229	12.4164	39.7902
1IFG	-1	-1	1	validation	17.8429	0.0000	39.7902
3SSI	-1	-1	1	train	16.9059	4.2364	39.7902
1FW4	-1	-1	1	train	15.1277	13.5181	39.7902
4OVO	-1	-1	1	train	14.5344	18.1643	39.7902
1MOL	-1	-1	1	train	18.9073	0.0000	39.7902
1K33	-1	-1	1	train	14.9019	17.2011	39.7902
1HZ5	-1	-1	1	validation	17.9446	5.3995	39.7902
1PGB	-1	-1	1	train	14.5344	20.1024	39.7902
7AME	-1	-1	1	train	15.1277	17.5978	39.7902
1T6F	-1	-1	1	validation	15.5408	15.8363	39.7902
2TN4	-1	-1	1	train	18.2104	4.8885	39.7902
1QAW-J	-1	-1	1	validation	15.1820	18.0998	39.7902
1QAW-G	-1	-1	1	train	15.1820	18.2096	39.7902
1QAW-F	-1	-1	1	validation	15.2355	18.0275	39.7902
1QAW-H	-1	-1	1	train	15.2355	18.1229	39.7902
1LGH-D	-1	-1	1	train	14.5344	21.1281	39.7902
1LGH-A	-1	-1	1	train	14.5344	21.1297	39.7902
1LGH-G	-1	-1	1	train	14.5344	21.1324	39.7902
1LGH-J	-1	-1	1	train	14.5344	21.1338	39.7902
4LVE	-1	-1	1	train	19.5880	0.0000	39.7902
1QAW-I	-1	-1	1	train	15.1820	19.4004	39.7902
2IGD	-1	-1	1	train	14.8432	21.4623	39.7902
1QAW-A	-1	-1	1	train	15.1820	20.1736	39.7902
1LAF	-1	-1	1	train	19.7740	0.7741	39.7902
7RXN	-1	-1	1	train	14.2669	24.5697	39.7902
1EGI	-1	-1	1	train	20.2410	0.0000	39.7902
1NCX	-1	-1	1	train	18.3699	8.0227	39.7902
1QE6	-1	-1	1	train	20.3198	0.0000	39.7902
2GAL	-1	-1	1	train	20.1469	0.8335	39.7902
5PTI	-1	-1	1	train	14.6611	24.4502	39.7902
2TMY	-1	-1	1	train	17.2256	13.6998	39.7902
7PTI	-1	-1	1	train	14.6611	24.6979	39.7902
451C	-1	-1	1	train	15.9114	20.0052	39.7902

3CLN	-1	-1	1	train	17.9195	11.7017	39.7902
1HOE	-1	-1	1	validation	15.5408	22.4822	39.7902
2TGI	-1	-1	1	validation	17.0372	16.5885	39.7902
1GZI	-1	-1	1	train	15.0726	26.0533	39.7902
1QSU	-1	-1	1	train	14.9019	27.3904	39.7902
1QAW-K	-1	-1	1	train	15.2355	26.0362	39.7902
1QAW-B	-1	-1	1	validation	15.3401	25.7550	39.7902
1OPC	-1	-1	1	train	16.5917	20.5161	39.7902
1PTX	-1	-1	1	train	15.1277	26.9535	39.7902
1WHO	-1	-1	1	train	16.4046	21.8424	39.7902
1E9M	-1	-1	1	train	16.8384	20.3896	39.7902
1EHH	-1	-1	1	validation	18.6692	12.6800	39.7902
1ET6	-1	-1	1	validation	21.6515	0.7554	39.7902
1IRN	-1	-1	1	train	14.3356	32.0334	39.7902
1QAW-E	-1	-1	1	train	15.2882	28.1277	39.7902
2VPF-G	-1	-1	1	train	16.4428	23.2811	39.7902
1E0B	-1	-1	1	train	17.2863	19.8235	39.7902
1QAW-D	-1	-1	1	train	15.2882	28.5628	39.7902
2FB4	-1	-1	1	train	22.0185	0.0000	39.7902
1QAW-C	-1	-1	1	train	15.2882	28.9217	39.7902
1ZFP	-1	-1	1	train	16.6995	23.0386	39.7902
2HMQ	-1	-1	1	validation	22.1066	0.0000	39.7902
1FNA	-1	-1	1	train	16.2875	25.0038	39.7902
1VFY	-1	-1	1	train	15.1820	29.7514	39.7902
2VPF-D	-1	-1	1	train	16.4428	24.3852	39.7902
2VPF-H	-1	-1	1	train	16.4046	24.6461	39.7902
2FDN	-1	-1	1	train	14.9019	31.3491	39.7902
2VPF-C	-1	-1	1	train	16.3660	25.3855	39.7902
1QKX	-1	-1	1	train	14.6611	32.7642	39.7902
1ORC	-1	-1	1	validation	15.0166	31.6499	39.7902
1XXA	-1	-1	1	validation	21.9364	3.0290	39.7902
1FXD	-1	-1	1	train	14.6611	34.2839	39.7902
1GK6	-1	-1	1	validation	16.8723	25.1019	39.7902
1H75	-1	-1	1	validation	15.6843	31.1506	39.7902
1HQ3-G	-1	-1	1	train	16.5551	27.8338	39.7902
2VPF-B	-1	-1	1	validation	16.4806	28.6357	39.7902
1NTN	-1	-1	1	train	15.4419	33.3865	39.7902
2VPF-A	-1	-1	1	train	16.5180	28.9142	39.7902
1HQ3-D	-1	-1	1	validation	15.9552	31.9740	39.7902
2FD2	-1	-1	1	train	16.8384	28.2932	39.7902
9WGA	-1	-1	1	validation	21.2128	9.6459	39.7902
1J73	-1	-1	1	train	16.6280	29.3623	39.7902
1MYK	-1	-1	1	train	16.3269	30.7037	39.7902
1HQ3-H	-1	-1	1	validation	15.9985	32.2369	39.7902
1JD1-B	-1	-1	1	train	17.4337	26.8987	39.7902
1R69	-1	-1	1	train	14.9597	38.1613	39.7902

1HQ3-C	-1	-1	1	train	16.4428	32.1752	39.7902
2VPF-F	-1	-1	1	validation	16.4806	32.0962	39.7902
1F0M	-1	-1	1	train	15.3914	36.8332	39.7902
7PAZ	-1	-1	1	validation	17.3755	28.7837	39.7902
2VPF-E	-1	-1	1	train	16.4806	32.9806	39.7902
1QAD	-1	-1	1	train	16.7696	31.7609	39.7902
1YTT	-1	-1	1	validation	19.6197	19.5905	39.7902
1QG7	-1	-1	1	train	17.5193	29.0192	39.7902
1LOU	-1	-1	1	train	16.5180	33.3043	39.7902
1G33	-1	-1	1	train	15.5893	37.3634	39.7902
1QVC-D	-1	-1	1	train	17.8429	27.9488	39.7902
1HXI	-1	-1	1	train	16.9059	31.9556	39.7902
1INR	-1	-1	1	train	17.6305	28.9612	39.7902
1ZOP	-1	-1	1	train	21.3128	14.1851	39.7902
3CYR	-1	-1	1	validation	16.8723	33.8751	39.7902
1JD1-E	-1	-1	1	train	17.3755	32.0839	39.7902
1HQ3-E	-1	-1	1	train	16.7696	34.8098	39.7902
1MHO	-1	-1	1	train	16.1664	37.5752	39.7902
1HQ3-A	-1	-1	1	train	16.8384	35.1882	39.7902
1MZM	-1	-1	1	train	16.3660	37.2291	39.7902
1JF0	-1	-1	1	train	18.9834	26.0657	39.7902
1KIV	-1	-1	1	train	15.7309	40.4866	39.7902
1JD1-D	-1	-1	1	validation	17.4047	33.7210	39.7902
1H4Y	-1	-1	1	train	19.6354	24.4457	39.7902
2IZA	-1	-1	1	train	17.3163	34.3851	39.7902
1G43	-1	-1	1	train	18.3251	30.3559	39.7902
1FLM	-1	-1	1	train	19.8488	24.2240	39.7902
1QJA	-1	-1	1	train	22.1066	14.6311	39.7902
1NFO	-1	-1	1	train	17.6030	33.9951	39.7902
1EKG	-1	-1	1	train	17.2561	35.7340	39.7902
1FHG	-1	-1	1	train	16.7696	38.2103	39.7902
1FD3	-1	-1	1	validation	18.4362	31.1258	39.7902
1FD3	-1	-1	1	train	18.4362	31.1258	39.7902
1QJP	-1	-1	1	train	17.7647	34.3899	39.7902
1QJP	-1	-1	1	train	17.7647	34.3899	39.7902
1JW8	-1	-1	1	train	18.1870	32.7457	39.7902
1HH5	-1	-1	1	train	15.3914	44.9533	39.7902
1NPS	-1	-1	1	train	16.1664	41.8228	39.7902
2LIS	-1	-1	1	validation	17.6030	35.9191	39.7902
2LIS	-1	-1	1	train	17.6030	35.9191	39.7902
1FAO	-1	-1	1	train	16.6280	40.1387	39.7902
1SKZ	-1	-1	1	train	16.7696	39.5596	39.7902
2HIP	-1	-1	1	train	17.8941	34.9581	39.7902
3VUB	-1	-1	1	validation	16.6639	40.3856	39.7902
1IUZ	-1	-1	1	train	16.5551	41.1883	39.7902
1H9G	-1	-1	1	train	19.5238	28.5835	39.7902

1QTP	-1	-1	1	train	19.8339	27.5428	39.7902
1NDD	-1	-1	1	validation	20.5463	24.6001	39.7902
4ICB	-1	-1	1	validation	15.7769	45.7622	39.7902
7PCY	-1	-1	1	train	16.6995	42.6870	39.7902
1LE4	-1	-1	1	validation	17.8170	37.9211	39.7902
1QJ9	-1	-1	1	validation	18.0436	37.0566	39.7902
1G9O	-1	-1	1	train	16.2875	44.5772	39.7902
1MRG	-1	-1	1	validation	19.8782	29.2774	39.7902
1QVC-B	-1	-1	1	train	17.9446	37.8569	39.7902
1JLY-B	-1	-1	1	train	20.5827	28.0163	39.7902
1JLY-B	-1	-1	1	train	20.5827	28.0163	39.7902
1IOP	-1	-1	1	train	18.1635	38.5607	39.7902
1JLY-A	-1	-1	1	train	20.5827	28.3143	39.7902
1JLY-A	-1	-1	1	validation	20.5827	28.3143	39.7902
1KDJ	-1	-1	1	train	16.6995	45.0980	39.7902
1NT3	-1	-1	1	validation	16.9059	44.6253	39.7902
1J7A	-1	-1	1	train	16.5551	46.5956	39.7902
1QTO	-1	-1	1	validation	17.3460	43.2450	39.7902
1K0K	-1	-1	1	validation	17.4337	42.9049	39.7902
1HQ3-B	-1	-1	1	train	16.3269	47.7819	39.7902
3PSR	-1	-1	1	train	18.9834	36.4610	39.7902
1ED1	-1	-1	1	train	17.1011	44.6045	39.7902
1YHB	-1	-1	1	train	16.1252	48.9385	39.7902
1H9K	-1	-1	1	train	17.9446	41.2120	39.7902
1QGH-J	-1	-1	1	validation	18.0920	40.6561	39.7902
1IC0-C	-1	-1	1	train	17.0048	45.3290	39.7902
1HZG	-1	-1	1	train	20.5341	30.4693	39.7902
1I6A	-1	-1	1	train	19.3412	35.7456	39.7902
1QGH-E	-1	-1	1	train	18.0920	41.1932	39.7902
2IMN	-1	-1	1	train	17.0693	45.6185	39.7902
1EKS	-1	-1	1	validation	17.8429	42.3192	39.7902
4PAL	-1	-1	1	validation	16.8723	46.5220	39.7902
1LIN	-1	-1	1	train	17.9944	41.8304	39.7902
2TDX	-1	-1	1	train	17.8170	42.6263	39.7902
1QGH-F	-1	-1	1	validation	18.0920	41.5185	39.7902
1QGH-A	-1	-1	1	train	18.0920	41.5859	39.7902
1QVC-C	-1	-1	1	validation	17.9446	42.2273	39.7902
1QGH-G	-1	-1	1	train	18.0920	41.8223	39.7902
1IC0-F	-1	-1	1	validation	16.9721	46.8539	39.7902
1IC0-D	-1	-1	1	train	17.0048	46.8166	39.7902
1HTJ	-1	-1	1	train	18.7100	39.5540	39.7902
1QGH-C	-1	-1	1	train	18.0920	42.2252	39.7902
1IC0-B	-1	-1	1	validation	17.0048	47.0307	39.7902
1G7C	-1	-1	1	train	22.6496	23.0122	39.7902
1IC0-E	-1	-1	1	train	17.0048	47.2900	39.7902
1IC0-A	-1	-1	1	train	16.9721	47.4423	39.7902

1QVC-A	-1	-1	1	train	17.9696	43.2002	39.7902
1FVU-B	-1	-1	1	train	17.3163	46.9833	39.7902
1I07	-1	-1	1	train	17.2256	47.4183	39.7902
1NFT	-1	-1	1	train	20.9280	31.6970	39.7902
1NFT	-1	-1	1	validation	20.9280	31.6970	39.7902
1QGH-B	-1	-1	1	validation	18.0920	43.9503	39.7902
3EIP	-1	-1	1	train	18.5012	42.2618	39.7902
2IMM	-1	-1	1	train	17.1011	48.3222	39.7902
2FGF	-1	-1	1	train	17.4625	46.8260	39.7902
1QDE	-1	-1	1	train	19.1488	39.7816	39.7902
1JD1-A	-1	-1	1	train	17.4625	47.2198	39.7902
1HDF	-1	-1	1	validation	19.0945	40.2775	39.7902
1JD1-F	-1	-1	1	train	17.4337	47.3998	39.7902
3PRN	-1	-1	1	train	20.4599	34.4934	39.7902
2YGS	-1	-1	1	train	16.3269	52.2788	39.7902
1QGH-D	-1	-1	1	train	18.0920	44.8819	39.7902
1NAT	-1	-1	1	validation	17.2561	48.5973	39.7902
1G5I-B	-1	-1	1	train	21.6063	30.0813	39.7902
1OR3	-1	-1	1	train	17.7382	46.6303	39.7902
1HQ3-F	-1	-1	1	train	16.3660	52.5085	39.7902
1JAF	-1	-1	1	train	20.0221	36.9337	39.7902
1FL1	-1	-1	1	train	21.6245	30.1311	39.7902
1FVU-A	-1	-1	1	train	17.6577	47.0963	39.7902
1QGH-H	-1	-1	1	train	18.0920	45.9069	39.7902
1LVE	-1	-1	1	train	17.1011	50.4640	39.7902
1JMW	-1	-1	1	train	17.9944	46.7112	39.7902
1J8Q	-1	-1	1	train	18.0191	46.6743	39.7902
3FIS	-1	-1	1	train	17.9944	46.8102	39.7902
1I92	-1	-1	1	train	16.4428	53.8307	39.7902
3LBD	-1	-1	1	train	19.7437	39.8440	39.7902
1JDO	-1	-1	1	train	18.1870	46.9316	39.7902
1F2X	-1	-1	1	train	19.9652	39.3489	39.7902
2FAL	-1	-1	1	train	17.9944	47.7745	39.7902
2TIR	-1	-1	1	train	16.9059	52.5060	39.7902
1JD1-C	-1	-1	1	train	17.4625	50.7404	39.7902
1IRD-B	-1	-1	1	validation	17.9944	48.6398	39.7902
1UP1	-1	-1	1	train	18.5440	46.5762	39.7902
1FVU-D	-1	-1	1	train	17.3163	51.9934	39.7902
1JAH	-1	-1	1	train	18.4580	47.1666	39.7902
1QGH-L	-1	-1	1	train	18.0920	49.0182	39.7902
1JOT	-1	-1	1	train	18.0679	49.1248	39.7902
1QLP	-1	-1	1	train	21.3715	35.0844	39.7902
2FIT	-1	-1	1	train	17.5193	51.5551	39.7902
1JB3	-1	-1	1	validation	17.4910	51.9446	39.7902
2FHA	-1	-1	1	validation	18.5862	47.2944	39.7902
3SEM	-1	-1	1	train	17.4910	52.1210	39.7902

1QGH-I	-1	-1	1	train	18.0920	49.6176	39.7902
2A2U-C	-1	-1	1	train	18.2796	48.8673	39.7902
2A2U-B	-1	-1	1	train	18.2796	48.8732	39.7902
2A2U-A	-1	-1	1	validation	18.2796	48.8762	39.7902
2A2U-D	-1	-1	1	train	18.2796	48.8792	39.7902
1MSC	-1	-1	1	train	17.5474	52.0903	39.7902
1QGH-K	-1	-1	1	train	18.0920	49.8827	39.7902
1FVU-C	-1	-1	1	validation	17.6577	51.9919	39.7902
1IO3	-1	-1	1	train	16.8723	55.4260	39.7902
2LIG	-1	-1	1	train	20.7710	39.9279	39.7902
1KMB	-1	-1	1	train	22.0347	35.2360	39.7902
1FSO	-1	-1	1	train	17.7910	53.3811	39.7902
3CAR	-1	-1	1	train	16.6995	58.5074	39.7902
1IKE	-1	-1	1	train	18.8687	50.3118	39.7902
4MON	-1	-1	1	train	18.9073	50.2398	39.7902
1G4R	-1	-1	1	train	21.1822	40.5639	39.7902
1EWF	-1	-1	1	train	22.2464	36.0835	39.7902
2BNH	-1	-1	1	train	22.1066	36.9697	39.7902
3RHN	-1	-1	1	validation	17.1326	58.4951	39.7902
1LFO	-1	-1	1	train	17.4625	57.9181	39.7902
1MJK	-1	-1	1	validation	19.2724	50.5705	39.7902
1I7E	-1	-1	1	train	19.7437	48.7168	39.7902
3PYP	-1	-1	1	train	17.7647	57.1965	39.7902
1E4J	-1	-1	1	train	18.5651	53.7923	39.7902
1ILS-A	-1	-1	1	train	17.5193	58.8244	39.7902
1JLM	-1	-1	1	train	18.8881	53.1017	39.7902
1XCA	-1	-1	1	train	20.2675	47.3912	39.7902
1ILS-D	-1	-1	1	train	17.5193	59.1474	39.7902
1ILS-B	-1	-1	1	train	17.5193	59.3935	39.7902
1IE8	-1	-1	1	train	19.9365	49.1602	39.7902
1KLO	-1	-1	1	validation	18.3699	55.9718	39.7902
1MUP	-1	-1	1	validation	18.2567	56.9979	39.7902
2OMF	-1	-1	1	train	21.0467	45.1221	39.7902
2OMF	-1	-1	1	train	21.0467	45.1221	39.7902
1F2L	-1	-1	1	train	20.1058	49.3520	39.7902
1HUS	-1	-1	1	train	17.6577	60.0748	39.7902
1IIT	-1	-1	1	train	19.4913	52.4755	39.7902
1ILS-C	-1	-1	1	validation	17.5193	61.4649	39.7902
2FCR	-1	-1	1	validation	18.6071	57.0375	39.7902
1RCB	-1	-1	1	train	17.5474	61.7818	39.7902
1G62	-1	-1	1	validation	19.5400	53.2947	39.7902
1LIT	-1	-1	1	validation	17.6030	61.5800	39.7902
1SWG	-1	-1	1	train	22.1616	43.4318	39.7902
1G5Y-D	-1	-1	1	train	19.6197	54.4223	39.7902
1QDN-B	-1	-1	1	validation	18.9265	57.5115	39.7902
1SFP	-1	-1	1	train	17.0048	66.4417	39.7902

1QDN-C	-1	-1	1	train	18.9456	58.3025	39.7902
1GE8	-1	-1	1	train	19.7589	55.2585	39.7902
1J8S	-1	-1	1	validation	19.0021	59.1107	39.7902
1MSA	-1	-1	1	train	21.9447	46.6481	39.7902
1G5Y-B	-1	-1	1	train	19.6197	56.8408	39.7902
2INT	-1	-1	1	validation	17.5474	65.8947	39.7902
2LIV	-1	-1	1	train	21.0889	50.7992	39.7902
1KOE	-1	-1	1	train	18.5862	61.8366	39.7902
1QDN-A	-1	-1	1	train	18.9265	60.4297	39.7902
1FCY	-1	-1	1	train	19.7437	57.3824	39.7902
1ET9	-1	-1	1	train	19.0393	60.5115	39.7902
2UGI	-1	-1	1	train	18.4580	63.5268	39.7902
1QFV	-1	-1	1	train	21.0889	53.2972	39.7902
1F5M	-1	-1	1	train	21.1822	53.5236	39.7902
1G1C	-1	-1	1	validation	19.0578	62.7612	39.7902
1LEN	-1	-1	1	train	22.1066	51.3027	39.7902
1FHW	-1	-1	1	validation	19.9075	61.0740	39.7902
1FYH-B	-1	-1	1	train	19.1488	64.5682	39.7902
3KAR	-1	-1	1	train	20.8615	57.8104	39.7902
1G8I	-1	-1	1	train	21.3325	55.9600	39.7902
1QHV	-1	-1	1	train	19.0393	66.2520	39.7902
1EG4	-1	-1	1	train	20.2543	61.0808	39.7902
1G5I-D	-1	-1	1	train	21.7665	54.7078	39.7902
1FBQ	-1	-1	1	train	18.7100	68.1829	39.7902
2WBC	-1	-1	1	train	18.8100	67.9517	39.7902
1QSC-C	-1	-1	1	train	18.5862	69.2087	39.7902
1EYH	-1	-1	1	train	17.9446	71.9624	39.7902
1PCZ	-1	-1	1	validation	21.3128	57.9746	39.7902
1JY3	-1	-1	1	train	20.3842	62.0965	39.7902
1IOZ	-1	-1	1	train	18.3699	70.8663	39.7902
1MYT	-1	-1	1	train	17.9944	72.5318	39.7902
2TNF	-1	-1	1	validation	22.0103	55.7054	39.7902
1FYH-E	-1	-1	1	train	19.1488	68.1939	39.7902
1E7Z	-1	-1	1	train	18.6071	70.7816	39.7902
1QSC-A	-1	-1	1	train	18.5862	70.9775	39.7902
1G5I-C	-1	-1	1	train	21.6784	58.0017	39.7902
1QSC-B	-1	-1	1	train	18.5862	71.2335	39.7902
1OVB	-1	-1	1	train	18.3024	72.7561	39.7902
1LKF	-1	-1	1	train	20.4972	63.6443	39.7902
1JOB	-1	-1	1	validation	18.3699	72.7462	39.7902
1I31	-1	-1	1	train	20.1058	65.6137	39.7902
2GDM	-1	-1	1	validation	18.1635	75.6600	39.7902
1G5Y-A	-1	-1	1	validation	19.6039	69.8944	39.7902
7ABP	-1	-1	1	train	20.6545	66.8076	39.7902
2UTG	-1	-1	1	train	17.8429	79.8987	39.7902
1JLJ-C	-1	-1	1	train	18.5651	77.1997	39.7902

1JBC	-1	-1	1	train	19.7437	72.1650	39.7902
1IRD-A	-1	-1	1	train	17.8686	80.4600	39.7902
3GBP	-1	-1	1	validation	20.6545	68.6045	39.7902
2TSS-C	-1	-1	1	validation	19.0208	75.7781	39.7902
2TSS-B	-1	-1	1	train	19.0208	76.0159	39.7902
1FH2	-1	-1	1	train	19.6667	73.9559	39.7902
1NCH	-1	-1	1	train	19.0945	76.5773	39.7902
2PSP	-1	-1	1	train	19.3069	76.0365	39.7902
1NG1	-1	-1	1	train	20.5218	71.0372	39.7902
1NG1	-1	-1	1	train	20.5218	71.0372	39.7902
2TSS-A	-1	-1	1	train	19.0208	77.9404	39.7902
1JLJ-A	-1	-1	1	train	18.5651	80.5601	39.7902
1RPJ	-1	-1	1	train	20.4474	72.5881	39.7902
1HJP	-1	-1	1	train	18.8687	79.3922	39.7902
1HG4-A	-1	-1	1	train	19.7891	76.7809	39.7902
1I4U-B	-1	-1	1	train	18.7503	81.5158	39.7902
1IC2	-1	-1	1	train	20.7364	73.1165	39.7902
1IC2	-1	-1	1	train	20.7364	73.1165	39.7902
1HG4-D	-1	-1	1	train	19.7589	77.9275	39.7902
1G5Y-C	-1	-1	1	train	19.5721	78.7457	39.7902
1I4U-A	-1	-1	1	validation	18.7703	82.3131	39.7902
1WU3	-1	-1	1	train	18.3476	84.3444	39.7902
1FTJ-A	-1	-1	1	train	20.0502	77.2637	39.7902
1NSF	-1	-1	1	train	19.8929	78.2318	39.7902
1JLJ-B	-1	-1	1	validation	18.5862	84.7920	39.7902
1EZG	-1	-1	1	validation	18.4142	85.7169	39.7902
1MH1	-1	-1	1	train	18.8100	84.3777	39.7902
1MRP	-1	-1	1	train	20.7938	75.9339	39.7902
2TCT	-1	-1	1	train	19.0945	83.8737	39.7902
1FTJ-B	-1	-1	1	validation	20.0642	80.0311	39.7902
1FTJ-C	-1	-1	1	train	20.0502	80.4966	39.7902
1F47	-1	-1	1	validation	18.3476	89.0623	39.7902
1HG4-E	-1	-1	1	train	19.7891	83.2539	39.7902
3POR	-1	-1	1	validation	20.6068	80.2585	39.7902
1QOV-H	-1	-1	1	train	19.7891	84.7742	39.7902
1NCO	-1	-1	1	train	19.5721	85.9401	39.7902
1PLF	-1	-1	1	train	20.0221	84.8895	39.7902
1QQF	-1	-1	1	train	20.2937	83.8073	39.7902
1FT5	-1	-1	1	train	19.3241	88.0555	39.7902
1JJH	-1	-1	1	train	19.6039	87.6519	39.7902
1J6Z	-1	-1	1	validation	21.3325	80.4294	39.7902
1F7C	-1	-1	1	validation	18.7902	92.1217	39.7902
2ARC	-1	-1	1	validation	20.9607	82.9769	39.7902
1HH8	-1	-1	1	train	19.0762	91.0734	39.7902
1FYH-A	-1	-1	1	validation	19.8190	88.2122	39.7902
1JGJ	-1	-1	1	train	19.4253	89.9981	39.7902

1MFF	-1	-1	1	train	21.0679	83.4551	39.7902
1QK8	-1	-1	1	validation	17.9195	97.3480	39.7902
1NK1	-1	-1	1	validation	21.0889	83.8448	39.7902
1NK1	-1	-1	1	train	21.0889	83.8448	39.7902
1G6H	-1	-1	1	train	19.9938	89.2128	39.7902
1NFP	-1	-1	1	train	19.6039	92.2622	39.7902
1GPC	-1	-1	1	train	19.4419	92.9578	39.7902
1SCE	-1	-1	1	validation	21.7050	83.6552	39.7902
1LT5	-1	-1	1	validation	22.5460	80.1160	39.7902
1ZEI	-1	-1	1	train	20.8052	87.7381	39.7902
1HG4-B	-1	-1	1	train	19.7891	92.8980	39.7902
1HG4-F	-1	-1	1	train	19.7891	94.1321	39.7902
1INN	-1	-1	1	train	20.4848	92.4612	39.7902
1EJ4	-1	-1	1	train	19.0021	98.9476	39.7902
1H8N	-1	-1	1	train	19.4253	98.2066	39.7902
1HQN-B	-1	-1	1	train	21.3029	90.9841	39.7902
1J8Y	-1	-1	1	train	20.4848	94.5450	39.7902
1HQN-C	-1	-1	1	train	21.3226	91.1395	39.7902
1HG4-C	-1	-1	1	validation	19.7589	99.7591	39.7902
1FYH-D	-1	-1	1	train	19.7891	100.0312	39.7902
1HQN-A	-1	-1	1	train	21.2930	96.1086	39.7902
1QOK	-1	-1	1	train	19.5721	104.8720	39.7902
1VPN-D	-1	-1	1	train	20.4096	102.6293	39.7902
1VPN-C	-1	-1	1	train	20.4096	102.7645	39.7902
1FR9	-1	-1	1	validation	18.8493	109.4726	39.7902
1VPN-A	-1	-1	1	validation	20.4096	103.4531	39.7902
1VPN-E	-1	-1	1	validation	20.4096	105.0940	39.7902
1ILR	-1	-1	1	train	20.4599	105.0792	39.7902
1VPN-B	-1	-1	1	train	20.4599	105.2744	39.7902
1DZI	-1	-1	1	validation	19.6354	110.6336	39.7902
2TRH	-1	-1	1	train	19.9938	109.3781	39.7902
1VIN	-1	-1	1	train	19.9652	111.4190	39.7902
1QKM	-1	-1	1	train	19.6667	114.2460	39.7902
2TEP-D	-1	-1	1	train	19.6667	114.2824	39.7902
2FIB	-1	-1	1	train	19.9938	112.9152	39.7902
1PHN	-1	-1	1	train	20.9716	108.9448	39.7902
2TEP-A	-1	-1	1	validation	19.6667	114.6921	39.7902
1G5I-A	-1	-1	1	validation	21.6784	106.4759	39.7902
1PSZ	-1	-1	1	validation	20.4222	112.0860	39.7902
1F56	-1	-1	1	train	20.2543	113.1398	39.7902
2HEX	-1	-1	1	train	20.3585	113.4505	39.7902
1EAJ	-1	-1	1	train	19.8488	115.7866	39.7902
2TEP-C	-1	-1	1	train	19.6667	117.6042	39.7902
2TEP-B	-1	-1	1	train	19.6667	120.0353	39.7902
1QME	-1	-1	1	train	40.6651	31.7404	39.7902
1HFA	-1	-1	1	train	20.1195	120.4423	39.7902

1QQ1	-1	-1	1	train	22.7371	111.6785	39.7902
1DVN	-1	-1	1	train	21.4388	119.2981	39.7902
1EPB	-1	-1	1	train	20.8727	121.9204	39.7902
1QOV-M	-1	-1	1	train	20.6188	124.4664	39.7902
1MPC	-1	-1	1	train	21.3520	121.4511	39.7902
1I81	-1	-1	1	validation	22.5178	116.5941	39.7902
1QDV	-1	-1	1	train	21.5972	121.7280	39.7902
1QOV-L	-1	-1	1	validation	20.3714	126.9928	39.7902
1JVX	-1	-1	1	train	21.3618	123.7205	39.7902
1IB2	-1	-1	1	train	20.8503	125.9470	39.7902
1EI7	-1	-1	1	train	20.7824	126.3537	39.7902
1JCF	-1	-1	1	train	21.0040	127.6371	39.7902
1JCF	-1	-1	1	validation	21.0040	127.6371	39.7902
1HQO	-1	-1	1	validation	21.9612	128.0649	39.7902
3SEB	-1	-1	1	train	19.7589	138.5715	39.7902
1ERN	-1	-1	1	train	21.7751	130.2432	39.7902
2CBL	-1	-1	1	train	20.7480	134.6412	39.7902
1JL5	-1	-1	1	train	21.1822	133.6298	39.7902
2CAV	-1	-1	1	train	21.1099	134.0066	39.7902
1EA3	-1	-1	1	validation	20.7595	136.0072	39.7902
1ION	-1	-1	1	validation	19.6977	142.0634	39.7902
1YFP	-1	-1	1	train	22.0427	132.4327	39.7902
1EE4-B	-1	-1	1	validation	21.8354	134.9185	39.7902
1EE4-A	-1	-1	1	train	21.8354	135.8581	39.7902
1EFT	-1	-1	1	train	21.6784	139.5629	39.7902
1E2U	-1	-1	1	train	40.5289	62.6171	39.7902
1JQF	-1	-1	1	train	20.9280	146.4935	39.7902
1JQF	-1	-1	1	train	20.9280	146.4935	39.7902
1E9L	-1	-1	1	train	21.3715	145.2396	39.7902
1JRR	-1	-1	1	validation	21.3618	145.6159	39.7902
1G6N	-1	-1	1	train	21.6425	145.4005	39.7902
1IXG	-1	-1	1	train	36.6726	82.0550	39.7902
2GWX	-1	-1	1	train	22.6632	148.1517	39.7902
1RRG	-1	-1	1	train	21.1924	155.8431	39.7902
1IN5	-1	-1	1	train	20.6307	159.5652	39.7902
1IN5	-1	-1	1	train	20.6307	159.5652	39.7902
4BCL	-1	-1	1	train	21.1514	158.3385	39.7902
1OXY	-1	-1	1	train	40.8546	75.9890	39.7902
4BJL	-1	-1	1	train	22.0103	160.6180	39.7902
1G3J-A	-1	-1	1	train	22.5947	165.9527	39.7902
1G3J-C	-1	-1	1	validation	21.9695	169.1702	39.7902
1IND	-1	-1	1	validation	21.8439	175.8327	39.7902
1E7C	-1	-1	1	validation	40.9662	100.1949	39.7902
1MDT-A	-1	-1	1	train	22.6016	181.0344	39.7902
1MDT-B	-1	-1	1	validation	22.6016	187.8416	39.7902
1IL1	-1	-1	1	validation	21.9612	210.3052	39.7902

1IKF	-1	-1	1	train	22.0103	213.4927	39.7902
1P30	-1	-1	1	train	44.0422	120.2197	39.7902
1LLA	-1	-1	1	train	41.1892	135.5184	39.7902
3ERD	-1	-1	1	train	22.4966	227.5356	39.7902
1JET-A	-1	-1	1	validation	22.5600	229.0466	39.7902
1EPU	-1	-1	1	train	40.2524	157.3547	39.7902
1F5N	-1	-1	1	train	40.6323	161.7742	39.7902
1QSA	-1	-1	1	validation	41.4030	200.2891	39.7902
1G7S	-1	-1	1	validation	61.0185	133.3289	39.7902
1JI6	-1	-1	1	validation	40.9482	233.6946	39.7902
1QFG	-1	-1	1	validation	42.3746	259.9404	39.7902
1LVK	-1	-1	1	train	42.7309	280.4646	39.7902
1JET-B	-1	-1	2	train	3.9668	0.0000	32.0597
1EE4-F	-1	-1	2	validation	5.0055	0.0000	32.0597
1D00-M	-1	-1	2	train	5.8112	3.2411	32.0597
1D00-N	-1	-1	2	train	5.8112	3.2504	32.0597
1D00-L	-1	-1	2	validation	5.8112	3.2521	32.0597
1D00-O	-1	-1	2	train	5.8112	3.2582	32.0597
1D00-K	-1	-1	2	train	5.8112	3.2616	32.0597
1D00-I	-1	-1	2	train	5.8112	3.2619	32.0597
1D00-J	-1	-1	2	train	5.8112	3.2641	32.0597
1D00-P	-1	-1	2	validation	5.8112	3.2760	32.0597
1EE4-D	-1	-1	2	train	5.8112	4.6560	32.0597
1QSC-E	-1	-1	2	train	6.4695	2.8891	32.0597
1QSC-D	-1	-1	2	validation	6.4695	2.9251	32.0597
1QSC-F	-1	-1	2	train	6.4695	2.9579	32.0597
1EE4-E	-1	-1	2	train	7.9336	3.5503	32.0597
1EE4-C	-1	-1	2	train	7.9336	3.5820	32.0597
1AQD-I	-1	-1	2	train	9.5289	6.9086	32.0597
1AQD-L	-1	-1	2	validation	9.5289	6.9625	32.0597
1AQD-C	-1	-1	2	train	9.5289	7.0636	32.0597
1AQD-F	-1	-1	2	train	9.2613	8.8639	32.0597
1JB6	-1	-1	2	train	14.6611	0.0000	32.0597
1RH4	-1	-1	2	validation	12.2808	10.4342	32.0597
1LGH-K	-1	-1	2	train	13.5807	5.5486	32.0597
1LGH-B	-1	-1	2	validation	13.5807	5.5508	32.0597
1LGH-H	-1	-1	2	validation	13.5807	5.5513	32.0597
1LGH-E	-1	-1	2	train	13.5807	5.5530	32.0597
2PLH	-1	-1	2	validation	13.7448	6.0848	32.0597
1CZQ	-1	-1	2	validation	13.8242	5.8255	32.0597
1AYM-4	-1	-1	2	train	12.1584	13.5146	32.0597
1MOF	-1	-1	2	train	14.3356	4.8739	32.0597
2ERA	-1	-1	2	validation	14.9019	2.4539	32.0597
1QM7	-1	-1	2	validation	14.8432	3.6040	32.0597
1AJJ	-1	-1	2	validation	13.0380	14.4823	32.0597
1G3J-D	-1	-1	2	train	12.7327	16.4286	32.0597

1AB1	-1	-1	2	validation	14.0523	10.9607	32.0597
1YPA	-1	-1	2	train	15.0166	6.8526	32.0597
1HH0	-1	-1	2	validation	13.8242	12.1578	32.0597
1BX8	-1	-1	2	train	14.0523	11.4275	32.0597
1AIE	-1	-1	2	train	12.3992	18.6706	32.0597
1G3J-B	-1	-1	2	train	13.4087	14.4153	32.0597
2WRP	-1	-1	2	validation	16.8042	0.0000	32.0597
2ERL	-1	-1	2	train	13.3195	15.8654	32.0597
1CDT	-1	-1	2	validation	17.2863	0.1377	32.0597
1ROP	-1	-1	2	train	14.5344	13.0289	32.0597
3OVO	-1	-1	2	train	14.5344	13.1880	32.0597
1NKD	-1	-1	2	train	14.7229	12.4164	32.0597
1IFG	-1	-1	2	validation	17.8429	0.0000	32.0597
1A7W	-1	-1	2	train	15.2355	11.2647	32.0597
3SSI	-1	-1	2	train	16.9059	4.2364	32.0597
1FW4	-1	-1	2	train	15.1277	13.5181	32.0597
1DFN	-1	-1	2	train	14.7835	15.7293	32.0597
4OVO	-1	-1	2	train	14.5344	18.1643	32.0597
1MOL	-1	-1	2	train	18.9073	0.0000	32.0597
1K33	-1	-1	2	train	14.9019	17.2011	32.0597
1CQ4	-1	-1	2	train	14.7835	18.5275	32.0597
1HZ5	-1	-1	2	validation	17.9446	5.3995	32.0597
1PGB	-1	-1	2	train	14.5344	20.1024	32.0597
7AME	-1	-1	2	train	15.1277	17.5978	32.0597
1T6F	-1	-1	2	validation	15.5408	15.8363	32.0597
2TN4	-1	-1	2	train	18.2104	4.8885	32.0597
1QAW-J	-1	-1	2	validation	15.1820	18.0998	32.0597
1QAW-G	-1	-1	2	train	15.1820	18.2096	32.0597
1QAW-F	-1	-1	2	validation	15.2355	18.0275	32.0597
1QAW-H	-1	-1	2	train	15.2355	18.1229	32.0597
1LGH-D	-1	-1	2	train	14.5344	21.1281	32.0597
1LGH-A	-1	-1	2	train	14.5344	21.1297	32.0597
1LGH-G	-1	-1	2	train	14.5344	21.1324	32.0597
1LGH-J	-1	-1	2	train	14.5344	21.1338	32.0597
4LVE	-1	-1	2	train	19.5880	0.0000	32.0597
1QAW-I	-1	-1	2	train	15.1820	19.4004	32.0597
2IGD	-1	-1	2	train	14.8432	21.4623	32.0597
1QAW-A	-1	-1	2	train	15.1820	20.1736	32.0597
1LAF	-1	-1	2	train	19.7740	0.7741	32.0597
7RXN	-1	-1	2	train	14.2669	24.5697	32.0597
1CDM	-1	-1	2	train	18.1160	8.4765	32.0597
1C94	-1	-1	2	train	15.5408	19.8977	32.0597
1EGI	-1	-1	2	train	20.2410	0.0000	32.0597
1NCX	-1	-1	2	train	18.3699	8.0227	32.0597
1QE6	-1	-1	2	train	20.3198	0.0000	32.0597
2GAL	-1	-1	2	train	20.1469	0.8335	32.0597

5PTI	-1	-1	2	train	14.6611	24.4502	32.0597
2TMY	-1	-1	2	train	17.2256	13.6998	32.0597
7PTI	-1	-1	2	train	14.6611	24.6979	32.0597
451C	-1	-1	2	train	15.9114	20.0052	32.0597
3CLN	-1	-1	2	train	17.9195	11.7017	32.0597
1HOE	-1	-1	2	validation	15.5408	22.4822	32.0597
1B1U	-1	-1	2	train	17.1949	15.4668	32.0597
2TGI	-1	-1	2	validation	17.0372	16.5885	32.0597
1B7V	-1	-1	2	validation	15.3914	24.6835	32.0597
1GZI	-1	-1	2	train	15.0726	26.0533	32.0597
1CFW	-1	-1	2	validation	15.4419	24.5508	32.0597
1QSU	-1	-1	2	train	14.9019	27.3904	32.0597
1QAW-K	-1	-1	2	train	15.2355	26.0362	32.0597
1AS4	-1	-1	2	validation	21.3423	0.0000	32.0597
1QAW-B	-1	-1	2	validation	15.3401	25.7550	32.0597
1OPC	-1	-1	2	train	16.5917	20.5161	32.0597
1B7D	-1	-1	2	train	14.8432	28.0598	32.0597
1CC7	-1	-1	2	train	15.4419	25.5564	32.0597
1PTX	-1	-1	2	train	15.1277	26.9535	32.0597
1WHO	-1	-1	2	train	16.4046	21.8424	32.0597
1E9M	-1	-1	2	train	16.8384	20.3896	32.0597
1EHH	-1	-1	2	validation	18.6692	12.6800	32.0597
1AIL	-1	-1	2	train	15.3401	27.3761	32.0597
1ET6	-1	-1	2	validation	21.6515	0.7554	32.0597
1IRN	-1	-1	2	train	14.3356	32.0334	32.0597
1AY1	-1	-1	2	train	21.8354	0.0000	32.0597
1A92	-1	-1	2	train	19.1127	11.6764	32.0597
1CSP	-1	-1	2	train	15.1820	28.5667	32.0597
1QAW-E	-1	-1	2	train	15.2882	28.1277	32.0597
2VPF-G	-1	-1	2	train	16.4428	23.2811	32.0597
1E0B	-1	-1	2	train	17.2863	19.8235	32.0597
1QAW-D	-1	-1	2	train	15.2882	28.5628	32.0597
1B67	-1	-1	2	train	17.6577	18.6298	32.0597
2FB4	-1	-1	2	train	22.0185	0.0000	32.0597
1QAW-C	-1	-1	2	train	15.2882	28.9217	32.0597
1ZFP	-1	-1	2	train	16.6995	23.0386	32.0597
2HMQ	-1	-1	2	validation	22.1066	0.0000	32.0597
1FNA	-1	-1	2	train	16.2875	25.0038	32.0597
1VFY	-1	-1	2	train	15.1820	29.7514	32.0597
2VPF-D	-1	-1	2	train	16.4428	24.3852	32.0597
2VPF-H	-1	-1	2	train	16.4046	24.6461	32.0597
2FDN	-1	-1	2	train	14.9019	31.3491	32.0597
1C5E-C	-1	-1	2	train	16.4428	24.9841	32.0597
2VPF-C	-1	-1	2	train	16.3660	25.3855	32.0597
1CYO	-1	-1	2	validation	16.1664	26.2489	32.0597
1QKX	-1	-1	2	train	14.6611	32.7642	32.0597

1CI4	-1	-1	2	train	18.6279	15.8645	32.0597
1C5E-A	-1	-1	2	train	16.4428	25.2572	32.0597
1ORC	-1	-1	2	validation	15.0166	31.6499	32.0597
1XXA	-1	-1	2	validation	21.9364	3.0290	32.0597
1C5E-B	-1	-1	2	train	16.4428	26.5357	32.0597
1FXD	-1	-1	2	train	14.6611	34.2839	32.0597
1A8O	-1	-1	2	train	15.1277	32.4322	32.0597
1GK6	-1	-1	2	validation	16.8723	25.1019	32.0597
1H75	-1	-1	2	validation	15.6843	31.1506	32.0597
1COT	-1	-1	2	train	17.3163	24.5565	32.0597
1HQ3-G	-1	-1	2	train	16.5551	27.8338	32.0597
2VPF-B	-1	-1	2	validation	16.4806	28.6357	32.0597
1B9W	-1	-1	2	validation	16.2875	29.5007	32.0597
1BTN	-1	-1	2	train	16.8384	27.2257	32.0597
1NTN	-1	-1	2	train	15.4419	33.3865	32.0597
2VPF-A	-1	-1	2	train	16.5180	28.9142	32.0597
1AOX	-1	-1	2	train	21.6515	7.3377	32.0597
1HQ3-D	-1	-1	2	validation	15.9552	31.9740	32.0597
2FD2	-1	-1	2	train	16.8384	28.2932	32.0597
9WGA	-1	-1	2	validation	21.2128	9.6459	32.0597
1J73	-1	-1	2	train	16.6280	29.3623	32.0597
1MYK	-1	-1	2	train	16.3269	30.7037	32.0597
1CPC-K	-1	-1	2	train	18.3699	22.0416	32.0597
1HQ3-H	-1	-1	2	validation	15.9985	32.2369	32.0597
1CPC-A	-1	-1	2	train	18.3699	22.4686	32.0597
1JD1-B	-1	-1	2	train	17.4337	26.8987	32.0597
1C5K	-1	-1	2	validation	21.6063	9.2150	32.0597
1R69	-1	-1	2	train	14.9597	38.1613	32.0597
1DDV	-1	-1	2	train	16.9721	29.8250	32.0597
1HQ3-C	-1	-1	2	train	16.4428	32.1752	32.0597
2VPF-F	-1	-1	2	validation	16.4806	32.0962	32.0597
1F0M	-1	-1	2	train	15.3914	36.8332	32.0597
1DK8	-1	-1	2	validation	18.0191	25.6048	32.0597
1BKB	-1	-1	2	train	17.6305	27.4493	32.0597
7PAZ	-1	-1	2	validation	17.3755	28.7837	32.0597
2VPF-E	-1	-1	2	train	16.4806	32.9806	32.0597
1QAD	-1	-1	2	train	16.7696	31.7609	32.0597
1YTT	-1	-1	2	validation	19.6197	19.5905	32.0597
1QG7	-1	-1	2	train	17.5193	29.0192	32.0597
1LOU	-1	-1	2	train	16.5180	33.3043	32.0597
1G33	-1	-1	2	train	15.5893	37.3634	32.0597
1QVC-D	-1	-1	2	train	17.8429	27.9488	32.0597
1HXI	-1	-1	2	train	16.9059	31.9556	32.0597
1INR	-1	-1	2	train	17.6305	28.9612	32.0597
1B9N	-1	-1	2	train	22.4608	8.7282	32.0597
1AYI	-1	-1	2	train	16.0834	36.3852	32.0597

1ZOP	-1	-1	2	train	21.3128	14.1851	32.0597
1BMG	-1	-1	2	train	16.5551	34.5208	32.0597
3CYR	-1	-1	2	validation	16.8723	33.8751	32.0597
1A0K	-1	-1	2	validation	17.5753	31.0410	32.0597
1JD1-E	-1	-1	2	train	17.3755	32.0839	32.0597
1HQ3-E	-1	-1	2	train	16.7696	34.8098	32.0597
1MHO	-1	-1	2	train	16.1664	37.5752	32.0597
1HQ3-A	-1	-1	2	train	16.8384	35.1882	32.0597
1MZM	-1	-1	2	train	16.3660	37.2291	32.0597
1JF0	-1	-1	2	train	18.9834	26.0657	32.0597
1C6O	-1	-1	2	train	18.7100	27.5554	32.0597
1B0Y	-1	-1	2	train	16.0412	39.0344	32.0597
1KIV	-1	-1	2	train	15.7309	40.4866	32.0597
1JD1-D	-1	-1	2	validation	17.4047	33.7210	32.0597
1H4Y	-1	-1	2	train	19.6354	24.4457	32.0597
2IZA	-1	-1	2	train	17.3163	34.3851	32.0597
1G43	-1	-1	2	train	18.3251	30.3559	32.0597
1CPC-B	-1	-1	2	validation	18.5862	29.2777	32.0597
1A1X	-1	-1	2	train	16.8384	36.9846	32.0597
1BXT	-1	-1	2	train	22.0266	14.8280	32.0597
1CPC-L	-1	-1	2	train	18.5862	29.6120	32.0597
1FLM	-1	-1	2	train	19.8488	24.2240	32.0597
1QJA	-1	-1	2	train	22.1066	14.6311	32.0597
1NFO	-1	-1	2	train	17.6030	33.9951	32.0597
1EKG	-1	-1	2	train	17.2561	35.7340	32.0597
1FHG	-1	-1	2	train	16.7696	38.2103	32.0597
1FD3	-1	-1	2	validation	18.4362	31.1258	32.0597
1FD3	-1	-1	2	train	18.4362	31.1258	32.0597
1A62	-1	-1	2	validation	17.3460	35.8957	32.0597
1QJP	-1	-1	2	train	17.7647	34.3899	32.0597
1QJP	-1	-1	2	train	17.7647	34.3899	32.0597
1JW8	-1	-1	2	train	18.1870	32.7457	32.0597
1HH5	-1	-1	2	train	15.3914	44.9533	32.0597
1NPS	-1	-1	2	train	16.1664	41.8228	32.0597
2LIS	-1	-1	2	train	17.6030	35.9191	32.0597
2LIS	-1	-1	2	validation	17.6030	35.9191	32.0597
1FAO	-1	-1	2	train	16.6280	40.1387	32.0597
1SKZ	-1	-1	2	train	16.7696	39.5596	32.0597
1	-1	-1	2	train	20.5585	23.4379	32.0597
1	-1	-1	2	validation	20.5585	23.4379	32.0597
2HIP	-1	-1	2	train	17.8941	34.9581	32.0597
3VUB	-1	-1	2	validation	16.6639	40.3856	32.0597
1AYF	-1	-1	2	validation	19.3751	28.8034	32.0597
1IUZ	-1	-1	2	train	16.5551	41.1883	32.0597
1H9G	-1	-1	2	train	19.5238	28.5835	32.0597
1QTP	-1	-1	2	train	19.8339	27.5428	32.0597

1NDD	-1	-1	2	validation	20.5463	24.6001	32.0597
1A7G	-1	-1	2	train	15.9114	44.5658	32.0597
4ICB	-1	-1	2	validation	15.7769	45.7622	32.0597
1C1L	-1	-1	2	train	17.7116	38.1586	32.0597
1CNO-D	-1	-1	2	train	16.0834	45.1869	32.0597
7PCY	-1	-1	2	train	16.6995	42.6870	32.0597
1LE4	-1	-1	2	validation	17.8170	37.9211	32.0597
1QJ9	-1	-1	2	validation	18.0436	37.0566	32.0597
1G9O	-1	-1	2	train	16.2875	44.5772	32.0597
1MRG	-1	-1	2	validation	19.8782	29.2774	32.0597
1QVC-B	-1	-1	2	train	17.9446	37.8569	32.0597
1A45	-1	-1	2	train	18.6071	35.3896	32.0597
1CNO-E	-1	-1	2	train	16.0834	46.2601	32.0597
1AQE	-1	-1	2	train	16.9721	42.8384	32.0597
1CNO-C	-1	-1	2	validation	16.0834	46.6823	32.0597
1CNO-G	-1	-1	2	validation	16.1252	46.6179	32.0597
1CNO-B	-1	-1	2	train	16.0834	46.9107	32.0597
1JLY-B	-1	-1	2	train	20.5827	28.0163	32.0597
1JLY-B	-1	-1	2	train	20.5827	28.0163	32.0597
1CNO-A	-1	-1	2	train	16.0834	47.2530	32.0597
1CNO-F	-1	-1	2	train	16.0834	47.4348	32.0597
1IOP	-1	-1	2	train	18.1635	38.5607	32.0597
1JLY-A	-1	-1	2	validation	20.5827	28.3143	32.0597
1JLY-A	-1	-1	2	train	20.5827	28.3143	32.0597
1CNO-H	-1	-1	2	train	16.0834	47.5798	32.0597
1KDJ	-1	-1	2	train	16.6995	45.0980	32.0597
1NT3	-1	-1	2	validation	16.9059	44.6253	32.0597
1J7A	-1	-1	2	train	16.5551	46.5956	32.0597
1QTO	-1	-1	2	validation	17.3460	43.2450	32.0597
1K0K	-1	-1	2	validation	17.4337	42.9049	32.0597
1HQ3-B	-1	-1	2	train	16.3269	47.7819	32.0597
3PSR	-1	-1	2	train	18.9834	36.4610	32.0597
1ED1	-1	-1	2	train	17.1011	44.6045	32.0597
1YHB	-1	-1	2	train	16.1252	48.9385	32.0597
1H9K	-1	-1	2	train	17.9446	41.2120	32.0597
1QGH-J	-1	-1	2	validation	18.0920	40.6561	32.0597
1IC0-C	-1	-1	2	train	17.0048	45.3290	32.0597
1HZG	-1	-1	2	train	20.5341	30.4693	32.0597
1I6A	-1	-1	2	train	19.3412	35.7456	32.0597
1QGH-E	-1	-1	2	train	18.0920	41.1932	32.0597
2IMN	-1	-1	2	train	17.0693	45.6185	32.0597
1EKS	-1	-1	2	validation	17.8429	42.3192	32.0597
4PAL	-1	-1	2	validation	16.8723	46.5220	32.0597
1LIN	-1	-1	2	train	17.9944	41.8304	32.0597
2TDX	-1	-1	2	train	17.8170	42.6263	32.0597
1QGH-F	-1	-1	2	validation	18.0920	41.5185	32.0597

1QGH-A	-1	-1	2	train	18.0920	41.5859	32.0597
1QVC-C	-1	-1	2	validation	17.9446	42.2273	32.0597
1QGH-G	-1	-1	2	train	18.0920	41.8223	32.0597
1IC0-F	-1	-1	2	validation	16.9721	46.8539	32.0597
1IC0-D	-1	-1	2	train	17.0048	46.8166	32.0597
1HTJ	-1	-1	2	train	18.7100	39.5540	32.0597
1QGH-C	-1	-1	2	train	18.0920	42.2252	32.0597
1IC0-B	-1	-1	2	validation	17.0048	47.0307	32.0597
1G7C	-1	-1	2	train	22.6496	23.0122	32.0597
1IC0-E	-1	-1	2	train	17.0048	47.2900	32.0597
1IC0-A	-1	-1	2	train	16.9721	47.4423	32.0597
1QVC-A	-1	-1	2	train	17.9696	43.2002	32.0597
1B88	-1	-1	2	train	19.6039	36.2425	32.0597
1FVU-B	-1	-1	2	train	17.3163	46.9833	32.0597
1I07	-1	-1	2	train	17.2256	47.4183	32.0597
1NFT	-1	-1	2	train	20.9280	31.6970	32.0597
1NFT	-1	-1	2	validation	20.9280	31.6970	32.0597
1QGH-B	-1	-1	2	validation	18.0920	43.9503	32.0597
3EIP	-1	-1	2	train	18.5012	42.2618	32.0597
2IMM	-1	-1	2	train	17.1011	48.3222	32.0597
2FGF	-1	-1	2	train	17.4625	46.8260	32.0597
1BD8	-1	-1	2	train	18.2336	43.5714	32.0597
1QDE	-1	-1	2	train	19.1488	39.7816	32.0597
1BFT	-1	-1	2	train	19.1667	39.7598	32.0597
1JD1-A	-1	-1	2	train	17.4625	47.2198	32.0597
1HDF	-1	-1	2	validation	19.0945	40.2775	32.0597
1JD1-F	-1	-1	2	train	17.4337	47.3998	32.0597
3PRN	-1	-1	2	train	20.4599	34.4934	32.0597
2YGS	-1	-1	2	train	16.3269	52.2788	32.0597
1QGH-D	-1	-1	2	train	18.0920	44.8819	32.0597
1NAT	-1	-1	2	validation	17.2561	48.5973	32.0597
1AWP	-1	-1	2	train	18.5862	42.9767	32.0597
1G5I-B	-1	-1	2	train	21.6063	30.0813	32.0597
1OR3	-1	-1	2	train	17.7382	46.6303	32.0597
1HQ3-F	-1	-1	2	train	16.3660	52.5085	32.0597
1JAF	-1	-1	2	train	20.0221	36.9337	32.0597
1FL1	-1	-1	2	train	21.6245	30.1311	32.0597
1FVU-A	-1	-1	2	train	17.6577	47.0963	32.0597
1000000	-1	-1	2	train	17.5753	47.6285	32.0597
1QGH-H	-1	-1	2	train	18.0920	45.9069	32.0597
1BAS	-1	-1	2	train	17.4337	48.8841	32.0597
1B3A	-1	-1	2	train	17.6847	47.8470	32.0597
1LVE	-1	-1	2	train	17.1011	50.4640	32.0597
1JMW	-1	-1	2	train	17.9944	46.7112	32.0597
1J8Q	-1	-1	2	train	18.0191	46.6743	32.0597
3FIS	-1	-1	2	train	17.9944	46.8102	32.0597

1I92	-1	-1	2	train	16.4428	53.8307	32.0597
3LBD	-1	-1	2	train	19.7437	39.8440	32.0597
1DQO	-1	-1	2	train	17.6847	48.6959	32.0597
1AUN	-1	-1	2	train	19.2724	42.0113	32.0597
1JDO	-1	-1	2	train	18.1870	46.9316	32.0597
1F2X	-1	-1	2	train	19.9652	39.3489	32.0597
2FAL	-1	-1	2	train	17.9944	47.7745	32.0597
2TIR	-1	-1	2	train	16.9059	52.5060	32.0597
1JD1-C	-1	-1	2	train	17.4625	50.7404	32.0597
1ALU	-1	-1	2	train	18.2567	47.4388	32.0597
1IRD-B	-1	-1	2	validation	17.9944	48.6398	32.0597
1UP1	-1	-1	2	train	18.5440	46.5762	32.0597
1FVU-D	-1	-1	2	train	17.3163	51.9934	32.0597
1JAH	-1	-1	2	train	18.4580	47.1666	32.0597
1QGH-L	-1	-1	2	train	18.0920	49.0182	32.0597
1JOT	-1	-1	2	train	18.0679	49.1248	32.0597
1QLP	-1	-1	2	train	21.3715	35.0844	32.0597
2FIT	-1	-1	2	train	17.5193	51.5551	32.0597
1A0S-P	-1	-1	2	train	21.7490	33.5275	32.0597
1BFE	-1	-1	2	validation	16.9721	54.1623	32.0597
1JB3	-1	-1	2	validation	17.4910	51.9446	32.0597
2FHA	-1	-1	2	validation	18.5862	47.2944	32.0597
1BMB	-1	-1	2	train	16.8384	54.7769	32.0597
3SEM	-1	-1	2	train	17.4910	52.1210	32.0597
1QGH-I	-1	-1	2	train	18.0920	49.6176	32.0597
2A2U-C	-1	-1	2	train	18.2796	48.8673	32.0597
2A2U-B	-1	-1	2	train	18.2796	48.8732	32.0597
2A2U-A	-1	-1	2	validation	18.2796	48.8762	32.0597
2A2U-D	-1	-1	2	train	18.2796	48.8792	32.0597
1MSC	-1	-1	2	train	17.5474	52.0903	32.0597
1QGH-K	-1	-1	2	train	18.0920	49.8827	32.0597
1AHQ	-1	-1	2	train	17.6577	51.8765	32.0597
1FVU-C	-1	-1	2	validation	17.6577	51.9919	32.0597
1IO3	-1	-1	2	train	16.8723	55.4260	32.0597
1A0S-Q	-1	-1	2	train	21.7490	35.3170	32.0597
1AVU	-1	-1	2	validation	18.5862	49.2414	32.0597
2LIG	-1	-1	2	train	20.7710	39.9279	32.0597
1A0S-R	-1	-1	2	train	21.7490	36.4008	32.0597
1KMB	-1	-1	2	train	22.0347	35.2360	32.0597
1FSO	-1	-1	2	train	17.7910	53.3811	32.0597
3CAR	-1	-1	2	train	16.6995	58.5074	32.0597
1DTJ	-1	-1	2	validation	20.1605	44.5046	32.0597
1IKE	-1	-1	2	train	18.8687	50.3118	32.0597
1BXM	-1	-1	2	train	16.5917	60.1147	32.0597
4MON	-1	-1	2	train	18.9073	50.2398	32.0597
1G4R	-1	-1	2	train	21.1822	40.5639	32.0597

1B09-D	-1	-1	2	train	19.2375	48.9256	32.0597
1EWF	-1	-1	2	train	22.2464	36.0835	32.0597
2BNH	-1	-1	2	train	22.1066	36.9697	32.0597
1DOK	-1	-1	2	train	18.0679	54.2364	32.0597
1B09-C	-1	-1	2	validation	19.2375	49.3584	32.0597
1CT5	-1	-1	2	train	19.5560	48.0811	32.0597
3RHN	-1	-1	2	validation	17.1326	58.4951	32.0597
1B09-B	-1	-1	2	train	19.2375	49.6552	32.0597
1B71	-1	-1	2	train	18.9645	50.8999	32.0597
1B0O	-1	-1	2	validation	18.3476	53.5768	32.0597
1LFO	-1	-1	2	train	17.4625	57.9181	32.0597
1B09-A	-1	-1	2	train	19.2375	50.4850	32.0597
1B09-E	-1	-1	2	train	19.2375	50.6507	32.0597
1MJK	-1	-1	2	validation	19.2724	50.5705	32.0597
1I7E	-1	-1	2	train	19.7437	48.7168	32.0597
3PYP	-1	-1	2	train	17.7647	57.1965	32.0597
1E4J	-1	-1	2	train	18.5651	53.7923	32.0597
1DV8	-1	-1	2	train	17.5193	58.3422	32.0597
1A8A	-1	-1	2	validation	20.8052	44.6093	32.0597
1ILS-A	-1	-1	2	train	17.5193	58.8244	32.0597
1AR0	-1	-1	2	train	19.8782	48.8106	32.0597
1JLM	-1	-1	2	train	18.8881	53.1017	32.0597
1XCA	-1	-1	2	train	20.2675	47.3912	32.0597
1ILS-D	-1	-1	2	train	17.5193	59.1474	32.0597
1ILS-B	-1	-1	2	train	17.5193	59.3935	32.0597
1IE8	-1	-1	2	train	19.9365	49.1602	32.0597
1KLO	-1	-1	2	validation	18.3699	55.9718	32.0597
1MUP	-1	-1	2	validation	18.2567	56.9979	32.0597
2OMF	-1	-1	2	train	21.0467	45.1221	32.0597
2OMF	-1	-1	2	train	21.0467	45.1221	32.0597
1F2L	-1	-1	2	train	20.1058	49.3520	32.0597
1BOY	-1	-1	2	validation	19.3241	52.8455	32.0597
1HUS	-1	-1	2	train	17.6577	60.0748	32.0597
1AQD-G	-1	-1	2	train	18.6896	55.7872	32.0597
1IIT	-1	-1	2	train	19.4913	52.4755	32.0597
1ILS-C	-1	-1	2	validation	17.5193	61.4649	32.0597
2FCR	-1	-1	2	validation	18.6071	57.0375	32.0597
1D00-G	-1	-1	2	train	18.5012	57.6427	32.0597
1RCB	-1	-1	2	train	17.5474	61.7818	32.0597
1G62	-1	-1	2	validation	19.5400	53.2947	32.0597
1LIT	-1	-1	2	validation	17.6030	61.5800	32.0597
1D00-A	-1	-1	2	train	18.5012	57.8838	32.0597
1D00-C	-1	-1	2	train	18.5012	57.9584	32.0597
1ATG	-1	-1	2	train	19.6511	53.1020	32.0597
1D00-E	-1	-1	2	train	18.5012	58.0366	32.0597
1D00-B	-1	-1	2	train	18.5012	58.1425	32.0597

1CXA	-1	-1	2	train	17.4047	62.9940	32.0597
1D00-D	-1	-1	2	validation	18.5012	58.4431	32.0597
1D00-F	-1	-1	2	train	18.5012	58.5425	32.0597
1AQD-J	-1	-1	2	train	18.6896	57.8064	32.0597
1CDH	-1	-1	2	train	18.7100	58.1749	32.0597
1SWG	-1	-1	2	train	22.1616	43.4318	32.0597
1G5Y-D	-1	-1	2	train	19.6197	54.4223	32.0597
1QDN-B	-1	-1	2	validation	18.9265	57.5115	32.0597
1A3Z	-1	-1	2	validation	18.0920	61.5344	32.0597
1SFP	-1	-1	2	train	17.0048	66.4417	32.0597
1CS3	-1	-1	2	validation	17.1639	65.8627	32.0597
1QDN-C	-1	-1	2	train	18.9456	58.3025	32.0597
1D00-H	-1	-1	2	validation	18.5012	60.2927	32.0597
1GE8	-1	-1	2	train	19.7589	55.2585	32.0597
1A64	-1	-1	2	train	18.9073	58.9644	32.0597
1J8S	-1	-1	2	validation	19.0021	59.1107	32.0597
1MSA	-1	-1	2	train	21.9447	46.6481	32.0597
1G5Y-B	-1	-1	2	train	19.6197	56.8408	32.0597
2INT	-1	-1	2	validation	17.5474	65.8947	32.0597
2LIV	-1	-1	2	train	21.0889	50.7992	32.0597
1KOE	-1	-1	2	train	18.5862	61.8366	32.0597
1QDN-A	-1	-1	2	train	18.9265	60.4297	32.0597
1FCY	-1	-1	2	train	19.7437	57.3824	32.0597
1ET9	-1	-1	2	train	19.0393	60.5115	32.0597
2UGI	-1	-1	2	train	18.4580	63.5268	32.0597
1BTG	-1	-1	2	train	20.8949	53.3488	32.0597
1AQD-D	-1	-1	2	validation	18.6896	62.8055	32.0597
1QFV	-1	-1	2	train	21.0889	53.2972	32.0597
1A2B	-1	-1	2	train	18.7100	63.7392	32.0597
1F5M	-1	-1	2	train	21.1822	53.5236	32.0597
1G1C	-1	-1	2	validation	19.0578	62.7612	32.0597
1E+29	-1	-1	2	train	17.7116	68.7528	32.0597
1AAZ	-1	-1	2	train	18.6279	65.2033	32.0597
1E+87	-1	-1	2	train	17.3163	70.8573	32.0597
1BA2	-1	-1	2	train	22.7305	48.2382	32.0597
1BYF	-1	-1	2	train	19.8782	60.4426	32.0597
1LEN	-1	-1	2	train	22.1066	51.3027	32.0597
1FHW	-1	-1	2	validation	19.9075	61.0740	32.0597
1FYH-B	-1	-1	2	train	19.1488	64.5682	32.0597
1AQD-E	-1	-1	2	train	18.8881	66.1475	32.0597
3KAR	-1	-1	2	train	20.8615	57.8104	32.0597
1G8I	-1	-1	2	train	21.3325	55.9600	32.0597
1AQD-B	-1	-1	2	train	18.8881	66.7343	32.0597
1A04	-1	-1	2	train	21.7227	54.6869	32.0597
1QHV	-1	-1	2	train	19.0393	66.2520	32.0597
1EG4	-1	-1	2	train	20.2543	61.0808	32.0597

1G5I-D	-1	-1	2	train	21.7665	54.7078	32.0597
1A21	-1	-1	2	train	21.5514	55.7678	32.0597
1B8Z	-1	-1	2	train	17.6847	72.4299	32.0597
1FBQ	-1	-1	2	train	18.7100	68.1829	32.0597
2WBC	-1	-1	2	train	18.8100	67.9517	32.0597
1QSC-C	-1	-1	2	train	18.5862	69.2087	32.0597
1EYH	-1	-1	2	train	17.9446	71.9624	32.0597
1PCZ	-1	-1	2	validation	21.3128	57.9746	32.0597
1JY3	-1	-1	2	train	20.3842	62.0965	32.0597
1IOZ	-1	-1	2	train	18.3699	70.8663	32.0597
1MYT	-1	-1	2	train	17.9944	72.5318	32.0597
2TNF	-1	-1	2	validation	22.0103	55.7054	32.0597
1FYH-E	-1	-1	2	train	19.1488	68.1939	32.0597
1E7Z	-1	-1	2	train	18.6071	70.7816	32.0597
1QSC-A	-1	-1	2	train	18.5862	70.9775	32.0597
1G5I-C	-1	-1	2	train	21.6784	58.0017	32.0597
1QSC-B	-1	-1	2	train	18.5862	71.2335	32.0597
1OVB	-1	-1	2	train	18.3024	72.7561	32.0597
1LKF	-1	-1	2	train	20.4972	63.6443	32.0597
1JOB	-1	-1	2	validation	18.3699	72.7462	32.0597
1I31	-1	-1	2	train	20.1058	65.6137	32.0597
1AQB	-1	-1	2	validation	18.6486	72.5655	32.0597
1BY7	-1	-1	2	validation	21.1924	61.7200	32.0597
2GDM	-1	-1	2	validation	18.1635	75.6600	32.0597
1G5Y-A	-1	-1	2	validation	19.6039	69.8944	32.0597
1AQD-H	-1	-1	2	validation	18.8881	74.0873	32.0597
7ABP	-1	-1	2	train	20.6545	66.8076	32.0597
1BRX	-1	-1	2	train	19.2897	72.8080	32.0597
1AQD-A	-1	-1	2	train	18.7302	75.7259	32.0597
2UTG	-1	-1	2	train	17.8429	79.8987	32.0597
1JLJ-C	-1	-1	2	train	18.5651	77.1997	32.0597
1JBC	-1	-1	2	train	19.7437	72.1650	32.0597
1IRD-A	-1	-1	2	train	17.8686	80.4600	32.0597
3GBP	-1	-1	2	validation	20.6545	68.6045	32.0597
2TSS-C	-1	-1	2	validation	19.0208	75.7781	32.0597
2TSS-B	-1	-1	2	train	19.0208	76.0159	32.0597
1FH2	-1	-1	2	train	19.6667	73.9559	32.0597
1NCH	-1	-1	2	train	19.0945	76.5773	32.0597
1AYM-3	-1	-1	2	validation	19.7740	73.9524	32.0597
2PSP	-1	-1	2	train	19.3069	76.0365	32.0597
1NG1	-1	-1	2	train	20.5218	71.0372	32.0597
1NG1	-1	-1	2	train	20.5218	71.0372	32.0597
2TSS-A	-1	-1	2	train	19.0208	77.9404	32.0597
1AQD-K	-1	-1	2	train	18.9073	78.8605	32.0597
1JLJ-A	-1	-1	2	train	18.5651	80.5601	32.0597
1RPJ	-1	-1	2	train	20.4474	72.5881	32.0597

1HJP	-1	-1	2	train	18.8687	79.3922	32.0597
1CFM-B	-1	-1	2	train	19.9509	75.9565	32.0597
1HG4-A	-1	-1	2	train	19.7891	76.7809	32.0597
1C48	-1	-1	2	train	21.1822	70.8932	32.0597
1I4U-B	-1	-1	2	train	18.7503	81.5158	32.0597
1IC2	-1	-1	2	train	20.7364	73.1165	32.0597
1IC2	-1	-1	2	train	20.7364	73.1165	32.0597
1AUE	-1	-1	2	train	18.8687	81.4175	32.0597
1HG4-D	-1	-1	2	train	19.7589	77.9275	32.0597
1G5Y-C	-1	-1	2	train	19.5721	78.7457	32.0597
1I4U-A	-1	-1	2	validation	18.7703	82.3131	32.0597
1WU3	-1	-1	2	train	18.3476	84.3444	32.0597
1FTJ-A	-1	-1	2	train	20.0502	77.2637	32.0597
1CFM-C	-1	-1	2	train	19.9509	77.9250	32.0597
1NSF	-1	-1	2	train	19.8929	78.2318	32.0597
1JLJ-B	-1	-1	2	validation	18.5862	84.7920	32.0597
1EZG	-1	-1	2	validation	18.4142	85.7169	32.0597
1MH1	-1	-1	2	train	18.8100	84.3777	32.0597
1MRP	-1	-1	2	train	20.7938	75.9339	32.0597
1D7P	-1	-1	2	validation	18.3024	86.6002	32.0597
1AYM-2	-1	-1	2	train	19.9795	79.9676	32.0597
2TCT	-1	-1	2	train	19.0945	83.8737	32.0597
1FTJ-B	-1	-1	2	validation	20.0642	80.0311	32.0597
1AYM-1	-1	-1	2	train	20.5218	78.4151	32.0597
1FTJ-C	-1	-1	2	train	20.0502	80.4966	32.0597
1CFM-A	-1	-1	2	train	19.9509	81.4936	32.0597
1AUV-A	-1	-1	2	validation	20.3714	79.7651	32.0597
1AUV-A	-1	-1	2	train	20.3714	79.7651	32.0597
1F47	-1	-1	2	validation	18.3476	89.0623	32.0597
1HG4-E	-1	-1	2	train	19.7891	83.2539	32.0597
1A1R	-1	-1	2	validation	21.3325	77.0444	32.0597
3POR	-1	-1	2	validation	20.6068	80.2585	32.0597
1QOV-H	-1	-1	2	train	19.7891	84.7742	32.0597
1NCO	-1	-1	2	train	19.5721	85.9401	32.0597
1AUV-B	-1	-1	2	train	20.3842	82.4789	32.0597
1AUV-B	-1	-1	2	train	20.3842	82.4789	32.0597
1PLF	-1	-1	2	train	20.0221	84.8895	32.0597
1QQF	-1	-1	2	train	20.2937	83.8073	32.0597
1CZD-A	-1	-1	2	train	19.6039	86.8537	32.0597
1FT5	-1	-1	2	train	19.3241	88.0555	32.0597
1JJH	-1	-1	2	train	19.6039	87.6519	32.0597
1J6Z	-1	-1	2	validation	21.3325	80.4294	32.0597
1CZD-C	-1	-1	2	train	19.6039	88.2810	32.0597
1F7C	-1	-1	2	validation	18.7902	92.1217	32.0597
2ARC	-1	-1	2	validation	20.9607	82.9769	32.0597
1HH8	-1	-1	2	train	19.0762	91.0734	32.0597

1CZD-B	-1	-1	2	train	19.6039	89.0282	32.0597
1FYH-A	-1	-1	2	validation	19.8190	88.2122	32.0597
1JGJ	-1	-1	2	train	19.4253	89.9981	32.0597
1A44	-1	-1	2	train	18.8493	92.8075	32.0597
1MFF	-1	-1	2	train	21.0679	83.4551	32.0597
1QK8	-1	-1	2	validation	17.9195	97.3480	32.0597
1NK1	-1	-1	2	train	21.0889	83.8448	32.0597
1NK1	-1	-1	2	validation	21.0889	83.8448	32.0597
1G6H	-1	-1	2	train	19.9938	89.2128	32.0597
1BV1	-1	-1	2	validation	18.4362	97.1817	32.0597
1NFP	-1	-1	2	train	19.6039	92.2622	32.0597
1GPC	-1	-1	2	train	19.4419	92.9578	32.0597
1SCE	-1	-1	2	validation	21.7050	83.6552	32.0597
1LT5	-1	-1	2	validation	22.5460	80.1160	32.0597
1ZEI	-1	-1	2	train	20.8052	87.7381	32.0597
1HG4-B	-1	-1	2	train	19.7891	92.8980	32.0597
1HG4-F	-1	-1	2	train	19.7891	94.1321	32.0597
1INN	-1	-1	2	train	20.4848	92.4612	32.0597
1EJ4	-1	-1	2	train	19.0021	98.9476	32.0597
1H8N	-1	-1	2	train	19.4253	98.2066	32.0597
1HQN-B	-1	-1	2	train	21.3029	90.9841	32.0597
1J8Y	-1	-1	2	train	20.4848	94.5450	32.0597
1HQN-C	-1	-1	2	train	21.3226	91.1395	32.0597
1HG4-C	-1	-1	2	validation	19.7589	99.7591	32.0597
1FYH-D	-1	-1	2	train	19.7891	100.0312	32.0597
1HQN-A	-1	-1	2	train	21.2930	96.1086	32.0597
1QOK	-1	-1	2	train	19.5721	104.8720	32.0597
1VPN-D	-1	-1	2	train	20.4096	102.6293	32.0597
1VPN-C	-1	-1	2	train	20.4096	102.7645	32.0597
1FR9	-1	-1	2	validation	18.8493	109.4726	32.0597
1DQZ-A	-1	-1	2	validation	20.3457	103.4966	32.0597
1DQZ-A	-1	-1	2	train	20.3457	103.4966	32.0597
1VPN-A	-1	-1	2	validation	20.4096	103.4531	32.0597
1VPN-E	-1	-1	2	validation	20.4096	105.0940	32.0597
1ILR	-1	-1	2	train	20.4599	105.0792	32.0597
1VPN-B	-1	-1	2	train	20.4599	105.2744	32.0597
1DZI	-1	-1	2	validation	19.6354	110.6336	32.0597
2TRH	-1	-1	2	train	19.9938	109.3781	32.0597
1D5W	-1	-1	2	train	21.2930	105.0052	32.0597
1VIN	-1	-1	2	train	19.9652	111.4190	32.0597
1DQZ-B	-1	-1	2	train	20.3457	110.1998	32.0597
1DQZ-B	-1	-1	2	train	20.3457	110.1998	32.0597
1BHD	-1	-1	2	train	19.4086	115.1091	32.0597
1QKM	-1	-1	2	train	19.6667	114.2460	32.0597
2TEP-D	-1	-1	2	train	19.6667	114.2824	32.0597
2FIB	-1	-1	2	train	19.9938	112.9152	32.0597

1PHN	-1	-1	2	train	20.9716	108.9448	32.0597
2TEP-A	-1	-1	2	validation	19.6667	114.6921	32.0597
1G5I-A	-1	-1	2	validation	21.6784	106.4759	32.0597
1PSZ	-1	-1	2	validation	20.4222	112.0860	32.0597
1F56	-1	-1	2	train	20.2543	113.1398	32.0597
2HEX	-1	-1	2	train	20.3585	113.4505	32.0597
1EAJ	-1	-1	2	train	19.8488	115.7866	32.0597
2TEP-C	-1	-1	2	train	19.6667	117.6042	32.0597
2TEP-B	-1	-1	2	train	19.6667	120.0353	32.0597
1QME	-1	-1	2	train	40.6651	31.7404	32.0597
1HFA	-1	-1	2	train	20.1195	120.4423	32.0597
1A99-A	-1	-1	2	train	21.0573	117.8742	32.0597
1A99-D	-1	-1	2	train	21.0573	118.3931	32.0597
1AXI	-1	-1	2	train	21.3128	117.3417	32.0597
1A99-B	-1	-1	2	validation	21.0573	118.4350	32.0597
1QQ1	-1	-1	2	train	22.7371	111.6785	32.0597
1A99-C	-1	-1	2	train	21.0573	119.0741	32.0597
1DVN	-1	-1	2	train	21.4388	119.2981	32.0597
1EPB	-1	-1	2	train	20.8727	121.9204	32.0597
1BGE	-1	-1	2	train	20.8052	123.2920	32.0597
1QOV-M	-1	-1	2	train	20.6188	124.4664	32.0597
1MPC	-1	-1	2	train	21.3520	121.4511	32.0597
1I81	-1	-1	2	validation	22.5178	116.5941	32.0597
1AS0	-1	-1	2	train	20.7480	124.1961	32.0597
1QDV	-1	-1	2	train	21.5972	121.7280	32.0597
1QOV-L	-1	-1	2	validation	20.3714	126.9928	32.0597
1JVX	-1	-1	2	train	21.3618	123.7205	32.0597
1IB2	-1	-1	2	train	20.8503	125.9470	32.0597
1EI7	-1	-1	2	train	20.7824	126.3537	32.0597
1JCF	-1	-1	2	train	21.0040	127.6371	32.0597
1JCF	-1	-1	2	validation	21.0040	127.6371	32.0597
1HQO	-1	-1	2	validation	21.9612	128.0649	32.0597
3SEB	-1	-1	2	train	19.7589	138.5715	32.0597
1ERN	-1	-1	2	train	21.7751	130.2432	32.0597
2CBL	-1	-1	2	train	20.7480	134.6412	32.0597
1JL5	-1	-1	2	train	21.1822	133.6298	32.0597
2CAV	-1	-1	2	train	21.1099	134.0066	32.0597
1EA3	-1	-1	2	validation	20.7595	136.0072	32.0597
1CAG	-1	-1	2	train	22.8805	127.6891	32.0597
1ION	-1	-1	2	validation	19.6977	142.0634	32.0597
1A4X	-1	-1	2	train	20.9824	136.6978	32.0597
1YFP	-1	-1	2	train	22.0427	132.4327	32.0597
1EE4-B	-1	-1	2	validation	21.8354	134.9185	32.0597
1BH2	-1	-1	2	train	20.7710	139.8983	32.0597
1BH2	-1	-1	2	validation	20.7710	139.8983	32.0597
1AOH	-1	-1	2	train	20.4724	141.3052	32.0597

1EE4-A	-1	-1	2	train	21.8354	135.8581	32.0597
1D5T	-1	-1	2	train	38.8297	65.5317	32.0597
1EFT	-1	-1	2	train	21.6784	139.5629	32.0597
1E2U	-1	-1	2	train	40.5289	62.6171	32.0597
1DUW	-1	-1	2	train	20.4599	148.3968	32.0597
1JQF	-1	-1	2	train	20.9280	146.4935	32.0597
1JQF	-1	-1	2	train	20.9280	146.4935	32.0597
1E9L	-1	-1	2	train	21.3715	145.2396	32.0597
1JRR	-1	-1	2	validation	21.3618	145.6159	32.0597
1G6N	-1	-1	2	train	21.6425	145.4005	32.0597
1IXG	-1	-1	2	train	36.6726	82.0550	32.0597
1D2E-D	-1	-1	2	train	21.6063	150.3490	32.0597
2GWX	-1	-1	2	train	22.6632	148.1517	32.0597
1D2E-B	-1	-1	2	train	21.6063	153.3539	32.0597
1D2E-C	-1	-1	2	validation	21.6063	153.5781	32.0597
1RRG	-1	-1	2	train	21.1924	155.8431	32.0597
1IN5	-1	-1	2	train	20.6307	159.5652	32.0597
1IN5	-1	-1	2	train	20.6307	159.5652	32.0597
4BCL	-1	-1	2	train	21.1514	158.3385	32.0597
1OXY	-1	-1	2	train	40.8546	75.9890	32.0597
1D2E-A	-1	-1	2	train	21.6063	159.7173	32.0597
1B63	-1	-1	2	validation	20.9716	162.8403	32.0597
4BJL	-1	-1	2	train	22.0103	160.6180	32.0597
1G3J-A	-1	-1	2	train	22.5947	165.9527	32.0597
1G3J-C	-1	-1	2	validation	21.9695	169.1702	32.0597
1BM3	-1	-1	2	train	21.8947	175.3784	32.0597
1IND	-1	-1	2	validation	21.8439	175.8327	32.0597
1E7C	-1	-1	2	validation	40.9662	100.1949	32.0597
1MDT-A	-1	-1	2	train	22.6016	181.0344	32.0597
1MDT-B	-1	-1	2	validation	22.6016	187.8416	32.0597
1IL1	-1	-1	2	validation	21.9612	210.3052	32.0597
1IKF	-1	-1	2	train	22.0103	213.4927	32.0597
1P30	-1	-1	2	train	44.0422	120.2197	32.0597
1LLA	-1	-1	2	train	41.1892	135.5184	32.0597
3ERD	-1	-1	2	train	22.4966	227.5356	32.0597
1JET-A	-1	-1	2	validation	22.5600	229.0466	32.0597
1EPU	-1	-1	2	train	40.2524	157.3547	32.0597
1F5N	-1	-1	2	train	40.6323	161.7742	32.0597
1DJ8	-1	-1	2	train	22.2464	243.8474	32.0597
1C4P	-1	-1	2	validation	22.7037	249.2573	32.0597
1BM0-B	-1	-1	2	validation	22.9627	267.9537	32.0597
1BM0-A	-1	-1	2	train	22.9627	268.9774	32.0597
1QSA	-1	-1	2	validation	41.4030	200.2891	32.0597
1G7S	-1	-1	2	validation	61.0185	133.3289	32.0597
1JI6	-1	-1	2	validation	40.9482	233.6946	32.0597
1QFG	-1	-1	2	validation	42.3746	259.9404	32.0597

1LVK	-1	-1	2	train	42.7309	280.4646	32.0597
1DOT	-1	-1	2	train	42.1558	323.1097	32.0597
1B0L	-1	-1	2	train	42.2087	349.3717	32.0597
1CAU	-1	-1	2	validation	170.2725	127.6891	32.0597
1JET-B	-1	-1	3	train	3.9668	0.0000	51.4110
1EE4-F	-1	-1	3	train	5.0055	0.0000	51.4110
1D00-M	-1	-1	3	train	5.8112	3.2411	51.4110
1D00-N	-1	-1	3	train	5.8112	3.2504	51.4110
1D00-L	-1	-1	3	train	5.8112	3.2521	51.4110
1D00-O	-1	-1	3	validation	5.8112	3.2582	51.4110
1D00-K	-1	-1	3	validation	5.8112	3.2616	51.4110
1D00-I	-1	-1	3	train	5.8112	3.2619	51.4110
1D00-J	-1	-1	3	train	5.8112	3.2641	51.4110
1D00-P	-1	-1	3	train	5.8112	3.2760	51.4110
1EE4-D	-1	-1	3	train	5.8112	4.6560	51.4110
1QSC-E	-1	-1	3	train	6.4695	2.8891	51.4110
1QSC-D	-1	-1	3	train	6.4695	2.9251	51.4110
1QSC-F	-1	-1	3	train	6.4695	2.9579	51.4110
1EE4-E	-1	-1	3	validation	7.9336	3.5503	51.4110
1EE4-C	-1	-1	3	train	7.9336	3.5820	51.4110
1AQD-I	-1	-1	3	train	9.5289	6.9086	51.4110
1AQD-L	-1	-1	3	train	9.5289	6.9625	51.4110
1AQD-C	-1	-1	3	validation	9.5289	7.0636	51.4110
1AQD-F	-1	-1	3	train	9.2613	8.8639	51.4110
1JB6	-1	-1	3	train	14.6611	0.0000	51.4110
1RH4	-1	-1	3	train	12.2808	10.4342	51.4110
1LGH-K	-1	-1	3	train	13.5807	5.5486	51.4110
1LGH-B	-1	-1	3	train	13.5807	5.5508	51.4110
1LGH-H	-1	-1	3	train	13.5807	5.5513	51.4110
1LGH-E	-1	-1	3	train	13.5807	5.5530	51.4110
2PLH	-1	-1	3	train	13.7448	6.0848	51.4110
1CZQ	-1	-1	3	train	13.8242	5.8255	51.4110
1AYM-4	-1	-1	3	train	12.1584	13.5146	51.4110
1MOF	-1	-1	3	train	14.3356	4.8739	51.4110
2ERA	-1	-1	3	train	14.9019	2.4539	51.4110
1QM7	-1	-1	3	train	14.8432	3.6040	51.4110
1AJJ	-1	-1	3	train	13.0380	14.4823	51.4110
1G3J-D	-1	-1	3	train	12.7327	16.4286	51.4110
1AB1	-1	-1	3	train	14.0523	10.9607	51.4110
1YPA	-1	-1	3	validation	15.0166	6.8526	51.4110
1HH0	-1	-1	3	train	13.8242	12.1578	51.4110
1BX8	-1	-1	3	train	14.0523	11.4275	51.4110
1AIE	-1	-1	3	train	12.3992	18.6706	51.4110
1G3J-B	-1	-1	3	validation	13.4087	14.4153	51.4110
2WRP	-1	-1	3	train	16.8042	0.0000	51.4110
2ERL	-1	-1	3	train	13.3195	15.8654	51.4110

1CDT	-1	-1	3	train	17.2863	0.1377	51.4110
1ROP	-1	-1	3	train	14.5344	13.0289	51.4110
3OVO	-1	-1	3	validation	14.5344	13.1880	51.4110
1NKD	-1	-1	3	train	14.7229	12.4164	51.4110
1IFG	-1	-1	3	train	17.8429	0.0000	51.4110
1A7W	-1	-1	3	validation	15.2355	11.2647	51.4110
3SSI	-1	-1	3	validation	16.9059	4.2364	51.4110
1FW4	-1	-1	3	train	15.1277	13.5181	51.4110
1DFN	-1	-1	3	train	14.7835	15.7293	51.4110
4OVO	-1	-1	3	validation	14.5344	18.1643	51.4110
1MOL	-1	-1	3	train	18.9073	0.0000	51.4110
1K33	-1	-1	3	train	14.9019	17.2011	51.4110
1CQ4	-1	-1	3	validation	14.7835	18.5275	51.4110
1HZ5	-1	-1	3	train	17.9446	5.3995	51.4110
1PGB	-1	-1	3	train	14.5344	20.1024	51.4110
7AME	-1	-1	3	validation	15.1277	17.5978	51.4110
1T6F	-1	-1	3	train	15.5408	15.8363	51.4110
2TN4	-1	-1	3	validation	18.2104	4.8885	51.4110
1QAW-J	-1	-1	3	train	15.1820	18.0998	51.4110
1QAW-G	-1	-1	3	train	15.1820	18.2096	51.4110
1QAW-F	-1	-1	3	train	15.2355	18.0275	51.4110
1QAW-H	-1	-1	3	train	15.2355	18.1229	51.4110
1LGH-D	-1	-1	3	train	14.5344	21.1281	51.4110
1LGH-A	-1	-1	3	validation	14.5344	21.1297	51.4110
1LGH-G	-1	-1	3	validation	14.5344	21.1324	51.4110
1LGH-J	-1	-1	3	train	14.5344	21.1338	51.4110
4LVE	-1	-1	3	train	19.5880	0.0000	51.4110
1QAW-I	-1	-1	3	validation	15.1820	19.4004	51.4110
2IGD	-1	-1	3	train	14.8432	21.4623	51.4110
1QAW-A	-1	-1	3	validation	15.1820	20.1736	51.4110
1LAF	-1	-1	3	validation	19.7740	0.7741	51.4110
7RXN	-1	-1	3	validation	14.2669	24.5697	51.4110
1CDM	-1	-1	3	validation	18.1160	8.4765	51.4110
1C94	-1	-1	3	train	15.5408	19.8977	51.4110
1EGI	-1	-1	3	validation	20.2410	0.0000	51.4110
1NCX	-1	-1	3	validation	18.3699	8.0227	51.4110
1QE6	-1	-1	3	validation	20.3198	0.0000	51.4110
2GAL	-1	-1	3	validation	20.1469	0.8335	51.4110
5PTI	-1	-1	3	train	14.6611	24.4502	51.4110
2TMY	-1	-1	3	train	17.2256	13.6998	51.4110
7PTI	-1	-1	3	train	14.6611	24.6979	51.4110
451C	-1	-1	3	train	15.9114	20.0052	51.4110
3CLN	-1	-1	3	validation	17.9195	11.7017	51.4110
1HOE	-1	-1	3	train	15.5408	22.4822	51.4110
1B1U	-1	-1	3	train	17.1949	15.4668	51.4110
2TGI	-1	-1	3	train	17.0372	16.5885	51.4110

1B7V	-1	-1	3	train	15.3914	24.6835	51.4110
1GZI	-1	-1	3	train	15.0726	26.0533	51.4110
1CFW	-1	-1	3	train	15.4419	24.5508	51.4110
1QSU	-1	-1	3	validation	14.9019	27.3904	51.4110
1QAW-K	-1	-1	3	train	15.2355	26.0362	51.4110
1AS4	-1	-1	3	train	21.3423	0.0000	51.4110
1QAW-B	-1	-1	3	train	15.3401	25.7550	51.4110
1OPC	-1	-1	3	train	16.5917	20.5161	51.4110
1B7D	-1	-1	3	validation	14.8432	28.0598	51.4110
1CC7	-1	-1	3	train	15.4419	25.5564	51.4110
1PTX	-1	-1	3	train	15.1277	26.9535	51.4110
1WHO	-1	-1	3	train	16.4046	21.8424	51.4110
1E9M	-1	-1	3	validation	16.8384	20.3896	51.4110
1EHH	-1	-1	3	train	18.6692	12.6800	51.4110
1AIL	-1	-1	3	validation	15.3401	27.3761	51.4110
1ET6	-1	-1	3	train	21.6515	0.7554	51.4110
1IRN	-1	-1	3	train	14.3356	32.0334	51.4110
1AY1	-1	-1	3	validation	21.8354	0.0000	51.4110
1A92	-1	-1	3	train	19.1127	11.6764	51.4110
1CSP	-1	-1	3	train	15.1820	28.5667	51.4110
1QAW-E	-1	-1	3	validation	15.2882	28.1277	51.4110
2VPF-G	-1	-1	3	train	16.4428	23.2811	51.4110
1E0B	-1	-1	3	train	17.2863	19.8235	51.4110
1QAW-D	-1	-1	3	train	15.2882	28.5628	51.4110
1B67	-1	-1	3	train	17.6577	18.6298	51.4110
2FB4	-1	-1	3	validation	22.0185	0.0000	51.4110
1QAW-C	-1	-1	3	train	15.2882	28.9217	51.4110
1ZFP	-1	-1	3	train	16.6995	23.0386	51.4110
2HMQ	-1	-1	3	train	22.1066	0.0000	51.4110
1FNA	-1	-1	3	validation	16.2875	25.0038	51.4110
1VFY	-1	-1	3	train	15.1820	29.7514	51.4110
2VPF-D	-1	-1	3	train	16.4428	24.3852	51.4110
2VPF-H	-1	-1	3	train	16.4046	24.6461	51.4110
2FDN	-1	-1	3	train	14.9019	31.3491	51.4110
1C5E-C	-1	-1	3	validation	16.4428	24.9841	51.4110
2VPF-C	-1	-1	3	train	16.3660	25.3855	51.4110
1CYO	-1	-1	3	train	16.1664	26.2489	51.4110
1QKX	-1	-1	3	train	14.6611	32.7642	51.4110
1CI4	-1	-1	3	train	18.6279	15.8645	51.4110
1C5E-A	-1	-1	3	train	16.4428	25.2572	51.4110
1ORC	-1	-1	3	train	15.0166	31.6499	51.4110
1XXA	-1	-1	3	train	21.9364	3.0290	51.4110
1C5E-B	-1	-1	3	train	16.4428	26.5357	51.4110
1FXD	-1	-1	3	validation	14.6611	34.2839	51.4110
1A8O	-1	-1	3	train	15.1277	32.4322	51.4110
1GK6	-1	-1	3	train	16.8723	25.1019	51.4110

1H75	-1	-1	3	train	15.6843	31.1506	51.4110
1COT	-1	-1	3	train	17.3163	24.5565	51.4110
1HQ3-G	-1	-1	3	validation	16.5551	27.8338	51.4110
2VPF-B	-1	-1	3	train	16.4806	28.6357	51.4110
1B9W	-1	-1	3	train	16.2875	29.5007	51.4110
1BTN	-1	-1	3	validation	16.8384	27.2257	51.4110
1NTN	-1	-1	3	train	15.4419	33.3865	51.4110
2VPF-A	-1	-1	3	validation	16.5180	28.9142	51.4110
1AOX	-1	-1	3	validation	21.6515	7.3377	51.4110
1HQ3-D	-1	-1	3	train	15.9552	31.9740	51.4110
2FD2	-1	-1	3	train	16.8384	28.2932	51.4110
9WGA	-1	-1	3	train	21.2128	9.6459	51.4110
1J73	-1	-1	3	train	16.6280	29.3623	51.4110
1MYK	-1	-1	3	train	16.3269	30.7037	51.4110
1CPC-K	-1	-1	3	train	18.3699	22.0416	51.4110
1HQ3-H	-1	-1	3	train	15.9985	32.2369	51.4110
1CPC-A	-1	-1	3	validation	18.3699	22.4686	51.4110
1JD1-B	-1	-1	3	train	17.4337	26.8987	51.4110
1C5K	-1	-1	3	train	21.6063	9.2150	51.4110
1R69	-1	-1	3	train	14.9597	38.1613	51.4110
1DDV	-1	-1	3	train	16.9721	29.8250	51.4110
1HQ3-C	-1	-1	3	validation	16.4428	32.1752	51.4110
2VPF-F	-1	-1	3	train	16.4806	32.0962	51.4110
1F0M	-1	-1	3	train	15.3914	36.8332	51.4110
1DK8	-1	-1	3	train	18.0191	25.6048	51.4110
1BKB	-1	-1	3	train	17.6305	27.4493	51.4110
7PAZ	-1	-1	3	train	17.3755	28.7837	51.4110
2VPF-E	-1	-1	3	validation	16.4806	32.9806	51.4110
1QAD	-1	-1	3	train	16.7696	31.7609	51.4110
1YTT	-1	-1	3	train	19.6197	19.5905	51.4110
1QG7	-1	-1	3	train	17.5193	29.0192	51.4110
1LOU	-1	-1	3	validation	16.5180	33.3043	51.4110
1G33	-1	-1	3	train	15.5893	37.3634	51.4110
1QVC-D	-1	-1	3	train	17.8429	27.9488	51.4110
1HXI	-1	-1	3	validation	16.9059	31.9556	51.4110
1INR	-1	-1	3	train	17.6305	28.9612	51.4110
1B9N	-1	-1	3	validation	22.4608	8.7282	51.4110
1AYI	-1	-1	3	train	16.0834	36.3852	51.4110
1ZOP	-1	-1	3	validation	21.3128	14.1851	51.4110
1BMG	-1	-1	3	validation	16.5551	34.5208	51.4110
3CYR	-1	-1	3	train	16.8723	33.8751	51.4110
1A0K	-1	-1	3	train	17.5753	31.0410	51.4110
1JD1-E	-1	-1	3	train	17.3755	32.0839	51.4110
1HQ3-E	-1	-1	3	train	16.7696	34.8098	51.4110
1MHO	-1	-1	3	validation	16.1664	37.5752	51.4110
1HQ3-A	-1	-1	3	train	16.8384	35.1882	51.4110

1MZM	-1	-1	3	validation	16.3660	37.2291	51.4110
1JF0	-1	-1	3	train	18.9834	26.0657	51.4110
1C6O	-1	-1	3	train	18.7100	27.5554	51.4110
1B0Y	-1	-1	3	train	16.0412	39.0344	51.4110
1KIV	-1	-1	3	validation	15.7309	40.4866	51.4110
1JD1-D	-1	-1	3	train	17.4047	33.7210	51.4110
1H4Y	-1	-1	3	validation	19.6354	24.4457	51.4110
2IZA	-1	-1	3	train	17.3163	34.3851	51.4110
1G43	-1	-1	3	train	18.3251	30.3559	51.4110
1CPC-B	-1	-1	3	train	18.5862	29.2777	51.4110
1A1X	-1	-1	3	train	16.8384	36.9846	51.4110
1BXT	-1	-1	3	validation	22.0266	14.8280	51.4110
1CPC-L	-1	-1	3	train	18.5862	29.6120	51.4110
1FLM	-1	-1	3	train	19.8488	24.2240	51.4110
1QJA	-1	-1	3	train	22.1066	14.6311	51.4110
1NFO	-1	-1	3	train	17.6030	33.9951	51.4110
1EKG	-1	-1	3	validation	17.2561	35.7340	51.4110
1FHG	-1	-1	3	validation	16.7696	38.2103	51.4110
1FD3	-1	-1	3	train	18.4362	31.1258	51.4110
1FD3	-1	-1	3	train	18.4362	31.1258	51.4110
1A62	-1	-1	3	train	17.3460	35.8957	51.4110
1QJP	-1	-1	3	train	17.7647	34.3899	51.4110
1QJP	-1	-1	3	validation	17.7647	34.3899	51.4110
1JW8	-1	-1	3	train	18.1870	32.7457	51.4110
1HH5	-1	-1	3	train	15.3914	44.9533	51.4110
1NPS	-1	-1	3	train	16.1664	41.8228	51.4110
2LIS	-1	-1	3	validation	17.6030	35.9191	51.4110
2LIS	-1	-1	3	train	17.6030	35.9191	51.4110
1FAO	-1	-1	3	train	16.6280	40.1387	51.4110
1SKZ	-1	-1	3	train	16.7696	39.5596	51.4110
1	-1	-1	3	validation	20.5585	23.4379	51.4110
1	-1	-1	3	train	20.5585	23.4379	51.4110
2HIP	-1	-1	3	validation	17.8941	34.9581	51.4110
3VUB	-1	-1	3	train	16.6639	40.3856	51.4110
1AYF	-1	-1	3	train	19.3751	28.8034	51.4110
1IUZ	-1	-1	3	train	16.5551	41.1883	51.4110
1H9G	-1	-1	3	train	19.5238	28.5835	51.4110
1QTP	-1	-1	3	train	19.8339	27.5428	51.4110
1NDD	-1	-1	3	train	20.5463	24.6001	51.4110
1A7G	-1	-1	3	train	15.9114	44.5658	51.4110
4ICB	-1	-1	3	train	15.7769	45.7622	51.4110
1C1L	-1	-1	3	train	17.7116	38.1586	51.4110
1CNO-D	-1	-1	3	train	16.0834	45.1869	51.4110
7PCY	-1	-1	3	train	16.6995	42.6870	51.4110
1LE4	-1	-1	3	train	17.8170	37.9211	51.4110
1QJ9	-1	-1	3	train	18.0436	37.0566	51.4110

1G9O	-1	-1	3	train	16.2875	44.5772	51.4110
1MRG	-1	-1	3	train	19.8782	29.2774	51.4110
1QVC-B	-1	-1	3	validation	17.9446	37.8569	51.4110
1A45	-1	-1	3	train	18.6071	35.3896	51.4110
1CNO-E	-1	-1	3	train	16.0834	46.2601	51.4110
1AQE	-1	-1	3	train	16.9721	42.8384	51.4110
1CNO-C	-1	-1	3	train	16.0834	46.6823	51.4110
1CNO-G	-1	-1	3	train	16.1252	46.6179	51.4110
1CNO-B	-1	-1	3	validation	16.0834	46.9107	51.4110
1JLY-B	-1	-1	3	train	20.5827	28.0163	51.4110
1JLY-B	-1	-1	3	train	20.5827	28.0163	51.4110
1CNO-A	-1	-1	3	train	16.0834	47.2530	51.4110
1CNO-F	-1	-1	3	validation	16.0834	47.4348	51.4110
1IOP	-1	-1	3	train	18.1635	38.5607	51.4110
1JLY-A	-1	-1	3	validation	20.5827	28.3143	51.4110
1JLY-A	-1	-1	3	train	20.5827	28.3143	51.4110
1CNO-H	-1	-1	3	train	16.0834	47.5798	51.4110
1KDJ	-1	-1	3	train	16.6995	45.0980	51.4110
1NT3	-1	-1	3	train	16.9059	44.6253	51.4110
1J7A	-1	-1	3	train	16.5551	46.5956	51.4110
1QTO	-1	-1	3	train	17.3460	43.2450	51.4110
1K0K	-1	-1	3	train	17.4337	42.9049	51.4110
1HQ3-B	-1	-1	3	train	16.3269	47.7819	51.4110
3PSR	-1	-1	3	train	18.9834	36.4610	51.4110
1ED1	-1	-1	3	train	17.1011	44.6045	51.4110
1YHB	-1	-1	3	train	16.1252	48.9385	51.4110
1H9K	-1	-1	3	validation	17.9446	41.2120	51.4110
1QGH-J	-1	-1	3	train	18.0920	40.6561	51.4110
1IC0-C	-1	-1	3	train	17.0048	45.3290	51.4110
1HZG	-1	-1	3	train	20.5341	30.4693	51.4110
1I6A	-1	-1	3	train	19.3412	35.7456	51.4110
1QGH-E	-1	-1	3	validation	18.0920	41.1932	51.4110
2IMN	-1	-1	3	validation	17.0693	45.6185	51.4110
1EKS	-1	-1	3	train	17.8429	42.3192	51.4110
4PAL	-1	-1	3	train	16.8723	46.5220	51.4110
1LIN	-1	-1	3	validation	17.9944	41.8304	51.4110
2TDX	-1	-1	3	validation	17.8170	42.6263	51.4110
1QGH-F	-1	-1	3	train	18.0920	41.5185	51.4110
1QGH-A	-1	-1	3	validation	18.0920	41.5859	51.4110
1QVC-C	-1	-1	3	train	17.9446	42.2273	51.4110
1QGH-G	-1	-1	3	train	18.0920	41.8223	51.4110
1IC0-F	-1	-1	3	train	16.9721	46.8539	51.4110
1IC0-D	-1	-1	3	train	17.0048	46.8166	51.4110
1HTJ	-1	-1	3	train	18.7100	39.5540	51.4110
1QGH-C	-1	-1	3	train	18.0920	42.2252	51.4110
1IC0-B	-1	-1	3	train	17.0048	47.0307	51.4110

1G7C	-1	-1	3	validation	22.6496	23.0122	51.4110
1IC0-E	-1	-1	3	validation	17.0048	47.2900	51.4110
1IC0-A	-1	-1	3	validation	16.9721	47.4423	51.4110
1QVC-A	-1	-1	3	train	17.9696	43.2002	51.4110
1B88	-1	-1	3	train	19.6039	36.2425	51.4110
1FVU-B	-1	-1	3	validation	17.3163	46.9833	51.4110
1I07	-1	-1	3	train	17.2256	47.4183	51.4110
1NFT	-1	-1	3	validation	20.9280	31.6970	51.4110
1NFT	-1	-1	3	train	20.9280	31.6970	51.4110
1QGH-B	-1	-1	3	train	18.0920	43.9503	51.4110
3EIP	-1	-1	3	train	18.5012	42.2618	51.4110
2IMM	-1	-1	3	train	17.1011	48.3222	51.4110
2FGF	-1	-1	3	validation	17.4625	46.8260	51.4110
1BD8	-1	-1	3	validation	18.2336	43.5714	51.4110
1QDE	-1	-1	3	train	19.1488	39.7816	51.4110
1BFT	-1	-1	3	train	19.1667	39.7598	51.4110
1JD1-A	-1	-1	3	train	17.4625	47.2198	51.4110
1HDF	-1	-1	3	train	19.0945	40.2775	51.4110
1JD1-F	-1	-1	3	train	17.4337	47.3998	51.4110
3PRN	-1	-1	3	train	20.4599	34.4934	51.4110
2YGS	-1	-1	3	train	16.3269	52.2788	51.4110
1QGH-D	-1	-1	3	train	18.0920	44.8819	51.4110
1NAT	-1	-1	3	train	17.2561	48.5973	51.4110
1AWP	-1	-1	3	train	18.5862	42.9767	51.4110
1G5I-B	-1	-1	3	train	21.6063	30.0813	51.4110
1OR3	-1	-1	3	validation	17.7382	46.6303	51.4110
1HQ3-F	-1	-1	3	train	16.3660	52.5085	51.4110
1JAF	-1	-1	3	train	20.0221	36.9337	51.4110
1FL1	-1	-1	3	train	21.6245	30.1311	51.4110
1FVU-A	-1	-1	3	train	17.6577	47.0963	51.4110
1000000	-1	-1	3	train	17.5753	47.6285	51.4110
1QGH-H	-1	-1	3	train	18.0920	45.9069	51.4110
1BAS	-1	-1	3	train	17.4337	48.8841	51.4110
1B3A	-1	-1	3	validation	17.6847	47.8470	51.4110
1LVE	-1	-1	3	train	17.1011	50.4640	51.4110
1JMW	-1	-1	3	validation	17.9944	46.7112	51.4110
1J8Q	-1	-1	3	validation	18.0191	46.6743	51.4110
3FIS	-1	-1	3	validation	17.9944	46.8102	51.4110
1I92	-1	-1	3	train	16.4428	53.8307	51.4110
3LBD	-1	-1	3	train	19.7437	39.8440	51.4110
1DQO	-1	-1	3	validation	17.6847	48.6959	51.4110
1AUN	-1	-1	3	validation	19.2724	42.0113	51.4110
1JDO	-1	-1	3	validation	18.1870	46.9316	51.4110
1F2X	-1	-1	3	validation	19.9652	39.3489	51.4110
2FAL	-1	-1	3	train	17.9944	47.7745	51.4110
2TIR	-1	-1	3	train	16.9059	52.5060	51.4110

1JD1-C	-1	-1	3	validation	17.4625	50.7404	51.4110
1ALU	-1	-1	3	train	18.2567	47.4388	51.4110
1IRD-B	-1	-1	3	train	17.9944	48.6398	51.4110
1UP1	-1	-1	3	train	18.5440	46.5762	51.4110
1FVU-D	-1	-1	3	train	17.3163	51.9934	51.4110
1JAH	-1	-1	3	validation	18.4580	47.1666	51.4110
1QGH-L	-1	-1	3	train	18.0920	49.0182	51.4110
1JOT	-1	-1	3	train	18.0679	49.1248	51.4110
1QLP	-1	-1	3	validation	21.3715	35.0844	51.4110
2FIT	-1	-1	3	train	17.5193	51.5551	51.4110
1A0S-P	-1	-1	3	train	21.7490	33.5275	51.4110
1BFE	-1	-1	3	train	16.9721	54.1623	51.4110
1JB3	-1	-1	3	train	17.4910	51.9446	51.4110
2FHA	-1	-1	3	train	18.5862	47.2944	51.4110
1BMB	-1	-1	3	train	16.8384	54.7769	51.4110
3SEM	-1	-1	3	train	17.4910	52.1210	51.4110
1QGH-I	-1	-1	3	validation	18.0920	49.6176	51.4110
2A2U-C	-1	-1	3	train	18.2796	48.8673	51.4110
2A2U-B	-1	-1	3	train	18.2796	48.8732	51.4110
2A2U-A	-1	-1	3	train	18.2796	48.8762	51.4110
2A2U-D	-1	-1	3	validation	18.2796	48.8792	51.4110
1MSC	-1	-1	3	validation	17.5474	52.0903	51.4110
1QGH-K	-1	-1	3	train	18.0920	49.8827	51.4110
1AHQ	-1	-1	3	train	17.6577	51.8765	51.4110
1FVU-C	-1	-1	3	train	17.6577	51.9919	51.4110
1IO3	-1	-1	3	validation	16.8723	55.4260	51.4110
1A0S-Q	-1	-1	3	train	21.7490	35.3170	51.4110
1AVU	-1	-1	3	train	18.5862	49.2414	51.4110
2LIG	-1	-1	3	train	20.7710	39.9279	51.4110
1A0S-R	-1	-1	3	validation	21.7490	36.4008	51.4110
1KMB	-1	-1	3	train	22.0347	35.2360	51.4110
1FSO	-1	-1	3	train	17.7910	53.3811	51.4110
3CAR	-1	-1	3	train	16.6995	58.5074	51.4110
1DTJ	-1	-1	3	train	20.1605	44.5046	51.4110
1IKE	-1	-1	3	train	18.8687	50.3118	51.4110
1BXM	-1	-1	3	train	16.5917	60.1147	51.4110
4MON	-1	-1	3	train	18.9073	50.2398	51.4110
1G4R	-1	-1	3	validation	21.1822	40.5639	51.4110
1B09-D	-1	-1	3	train	19.2375	48.9256	51.4110
1EWF	-1	-1	3	train	22.2464	36.0835	51.4110
2BNH	-1	-1	3	train	22.1066	36.9697	51.4110
1DOK	-1	-1	3	train	18.0679	54.2364	51.4110
1B09-C	-1	-1	3	train	19.2375	49.3584	51.4110
1CT5	-1	-1	3	train	19.5560	48.0811	51.4110
3RHN	-1	-1	3	train	17.1326	58.4951	51.4110
1B09-B	-1	-1	3	validation	19.2375	49.6552	51.4110

1B71	-1	-1	3	train	18.9645	50.8999	51.4110
1B0O	-1	-1	3	train	18.3476	53.5768	51.4110
1LFO	-1	-1	3	train	17.4625	57.9181	51.4110
1B09-A	-1	-1	3	train	19.2375	50.4850	51.4110
1B09-E	-1	-1	3	train	19.2375	50.6507	51.4110
1MJK	-1	-1	3	train	19.2724	50.5705	51.4110
1I7E	-1	-1	3	validation	19.7437	48.7168	51.4110
3PYP	-1	-1	3	validation	17.7647	57.1965	51.4110
1E4J	-1	-1	3	validation	18.5651	53.7923	51.4110
1DV8	-1	-1	3	train	17.5193	58.3422	51.4110
1A8A	-1	-1	3	train	20.8052	44.6093	51.4110
1ILS-A	-1	-1	3	train	17.5193	58.8244	51.4110
1AR0	-1	-1	3	train	19.8782	48.8106	51.4110
1JLM	-1	-1	3	train	18.8881	53.1017	51.4110
1XCA	-1	-1	3	validation	20.2675	47.3912	51.4110
1ILS-D	-1	-1	3	train	17.5193	59.1474	51.4110
1ILS-B	-1	-1	3	validation	17.5193	59.3935	51.4110
1IE8	-1	-1	3	validation	19.9365	49.1602	51.4110
1KLO	-1	-1	3	train	18.3699	55.9718	51.4110
1MUP	-1	-1	3	train	18.2567	56.9979	51.4110
2OMF	-1	-1	3	train	21.0467	45.1221	51.4110
2OMF	-1	-1	3	validation	21.0467	45.1221	51.4110
1F2L	-1	-1	3	train	20.1058	49.3520	51.4110
1BOY	-1	-1	3	train	19.3241	52.8455	51.4110
1HUS	-1	-1	3	train	17.6577	60.0748	51.4110
1AQD-G	-1	-1	3	validation	18.6896	55.7872	51.4110
1IIT	-1	-1	3	train	19.4913	52.4755	51.4110
1ILS-C	-1	-1	3	train	17.5193	61.4649	51.4110
2FCR	-1	-1	3	train	18.6071	57.0375	51.4110
1D00-G	-1	-1	3	validation	18.5012	57.6427	51.4110
1RCB	-1	-1	3	validation	17.5474	61.7818	51.4110
1G62	-1	-1	3	train	19.5400	53.2947	51.4110
1LIT	-1	-1	3	train	17.6030	61.5800	51.4110
1D00-A	-1	-1	3	train	18.5012	57.8838	51.4110
1D00-C	-1	-1	3	validation	18.5012	57.9584	51.4110
1ATG	-1	-1	3	train	19.6511	53.1020	51.4110
1D00-E	-1	-1	3	train	18.5012	58.0366	51.4110
1D00-B	-1	-1	3	train	18.5012	58.1425	51.4110
1CXA	-1	-1	3	validation	17.4047	62.9940	51.4110
1D00-D	-1	-1	3	train	18.5012	58.4431	51.4110
1D00-F	-1	-1	3	train	18.5012	58.5425	51.4110
1AQD-J	-1	-1	3	train	18.6896	57.8064	51.4110
1CDH	-1	-1	3	train	18.7100	58.1749	51.4110
1SWG	-1	-1	3	validation	22.1616	43.4318	51.4110
1G5Y-D	-1	-1	3	validation	19.6197	54.4223	51.4110
1QDN-B	-1	-1	3	train	18.9265	57.5115	51.4110

1A3Z	-1	-1	3	train	18.0920	61.5344	51.4110
1SFP	-1	-1	3	train	17.0048	66.4417	51.4110
1CS3	-1	-1	3	train	17.1639	65.8627	51.4110
1QDN-C	-1	-1	3	train	18.9456	58.3025	51.4110
1D00-H	-1	-1	3	train	18.5012	60.2927	51.4110
1GE8	-1	-1	3	validation	19.7589	55.2585	51.4110
1A64	-1	-1	3	train	18.9073	58.9644	51.4110
1J8S	-1	-1	3	train	19.0021	59.1107	51.4110
1MSA	-1	-1	3	train	21.9447	46.6481	51.4110
1G5Y-B	-1	-1	3	train	19.6197	56.8408	51.4110
2INT	-1	-1	3	train	17.5474	65.8947	51.4110
2LIV	-1	-1	3	train	21.0889	50.7992	51.4110
1KOE	-1	-1	3	train	18.5862	61.8366	51.4110
1QDN-A	-1	-1	3	validation	18.9265	60.4297	51.4110
1FCY	-1	-1	3	validation	19.7437	57.3824	51.4110
1ET9	-1	-1	3	train	19.0393	60.5115	51.4110
2UGI	-1	-1	3	train	18.4580	63.5268	51.4110
1BTG	-1	-1	3	train	20.8949	53.3488	51.4110
1AQD-D	-1	-1	3	train	18.6896	62.8055	51.4110
1QFV	-1	-1	3	train	21.0889	53.2972	51.4110
1A2B	-1	-1	3	validation	18.7100	63.7392	51.4110
1F5M	-1	-1	3	train	21.1822	53.5236	51.4110
1G1C	-1	-1	3	train	19.0578	62.7612	51.4110
1E+29	-1	-1	3	train	17.7116	68.7528	51.4110
1AAZ	-1	-1	3	validation	18.6279	65.2033	51.4110
1E+87	-1	-1	3	train	17.3163	70.8573	51.4110
1BA2	-1	-1	3	train	22.7305	48.2382	51.4110
1BYF	-1	-1	3	train	19.8782	60.4426	51.4110
1LEN	-1	-1	3	train	22.1066	51.3027	51.4110
1FHW	-1	-1	3	train	19.9075	61.0740	51.4110
1FYH-B	-1	-1	3	train	19.1488	64.5682	51.4110
1AQD-E	-1	-1	3	train	18.8881	66.1475	51.4110
3KAR	-1	-1	3	train	20.8615	57.8104	51.4110
1G8I	-1	-1	3	train	21.3325	55.9600	51.4110
1AQD-B	-1	-1	3	train	18.8881	66.7343	51.4110
1A04	-1	-1	3	validation	21.7227	54.6869	51.4110
1QHV	-1	-1	3	validation	19.0393	66.2520	51.4110
1EG4	-1	-1	3	train	20.2543	61.0808	51.4110
1G5I-D	-1	-1	3	validation	21.7665	54.7078	51.4110
1A21	-1	-1	3	train	21.5514	55.7678	51.4110
1B8Z	-1	-1	3	train	17.6847	72.4299	51.4110
1FBQ	-1	-1	3	train	18.7100	68.1829	51.4110
2WBC	-1	-1	3	validation	18.8100	67.9517	51.4110
1QSC-C	-1	-1	3	validation	18.5862	69.2087	51.4110
1EYH	-1	-1	3	validation	17.9446	71.9624	51.4110
1PCZ	-1	-1	3	train	21.3128	57.9746	51.4110

1JY3	-1	-1	3	validation	20.3842	62.0965	51.4110
1IOZ	-1	-1	3	train	18.3699	70.8663	51.4110
1MYT	-1	-1	3	train	17.9944	72.5318	51.4110
2TNF	-1	-1	3	train	22.0103	55.7054	51.4110
1FYH-E	-1	-1	3	validation	19.1488	68.1939	51.4110
1E7Z	-1	-1	3	train	18.6071	70.7816	51.4110
1QSC-A	-1	-1	3	train	18.5862	70.9775	51.4110
1G5I-C	-1	-1	3	train	21.6784	58.0017	51.4110
1QSC-B	-1	-1	3	train	18.5862	71.2335	51.4110
1OVB	-1	-1	3	train	18.3024	72.7561	51.4110
1LKF	-1	-1	3	train	20.4972	63.6443	51.4110
1JOB	-1	-1	3	train	18.3699	72.7462	51.4110
1I31	-1	-1	3	validation	20.1058	65.6137	51.4110
1AQB	-1	-1	3	train	18.6486	72.5655	51.4110
1BY7	-1	-1	3	train	21.1924	61.7200	51.4110
2GDM	-1	-1	3	train	18.1635	75.6600	51.4110
1G5Y-A	-1	-1	3	train	19.6039	69.8944	51.4110
1AQD-H	-1	-1	3	train	18.8881	74.0873	51.4110
7ABP	-1	-1	3	train	20.6545	66.8076	51.4110
1BRX	-1	-1	3	train	19.2897	72.8080	51.4110
1AQD-A	-1	-1	3	train	18.7302	75.7259	51.4110
2UTG	-1	-1	3	train	17.8429	79.8987	51.4110
1JLJ-C	-1	-1	3	train	18.5651	77.1997	51.4110
1JBC	-1	-1	3	train	19.7437	72.1650	51.4110
1IRD-A	-1	-1	3	validation	17.8686	80.4600	51.4110
3GBP	-1	-1	3	train	20.6545	68.6045	51.4110
2TSS-C	-1	-1	3	train	19.0208	75.7781	51.4110
2TSS-B	-1	-1	3	validation	19.0208	76.0159	51.4110
1FH2	-1	-1	3	train	19.6667	73.9559	51.4110
1NCH	-1	-1	3	train	19.0945	76.5773	51.4110
1AYM-3	-1	-1	3	train	19.7740	73.9524	51.4110
2PSP	-1	-1	3	train	19.3069	76.0365	51.4110
1NG1	-1	-1	3	train	20.5218	71.0372	51.4110
1NG1	-1	-1	3	train	20.5218	71.0372	51.4110
2TSS-A	-1	-1	3	train	19.0208	77.9404	51.4110
1AQD-K	-1	-1	3	validation	18.9073	78.8605	51.4110
1JLJ-A	-1	-1	3	validation	18.5651	80.5601	51.4110
1RPJ	-1	-1	3	train	20.4474	72.5881	51.4110
1HJP	-1	-1	3	validation	18.8687	79.3922	51.4110
1CFM-B	-1	-1	3	train	19.9509	75.9565	51.4110
1HG4-A	-1	-1	3	train	19.7891	76.7809	51.4110
1C48	-1	-1	3	validation	21.1822	70.8932	51.4110
1I4U-B	-1	-1	3	train	18.7503	81.5158	51.4110
1IC2	-1	-1	3	train	20.7364	73.1165	51.4110
1IC2	-1	-1	3	train	20.7364	73.1165	51.4110
1AUE	-1	-1	3	train	18.8687	81.4175	51.4110

1HG4-D	-1	-1	3	train	19.7589	77.9275	51.4110
1G5Y-C	-1	-1	3	train	19.5721	78.7457	51.4110
1I4U-A	-1	-1	3	train	18.7703	82.3131	51.4110
1WU3	-1	-1	3	train	18.3476	84.3444	51.4110
1FTJ-A	-1	-1	3	validation	20.0502	77.2637	51.4110
1CFM-C	-1	-1	3	validation	19.9509	77.9250	51.4110
1NSF	-1	-1	3	validation	19.8929	78.2318	51.4110
1JLJ-B	-1	-1	3	train	18.5862	84.7920	51.4110
1EZG	-1	-1	3	train	18.4142	85.7169	51.4110
1MH1	-1	-1	3	train	18.8100	84.3777	51.4110
1MRP	-1	-1	3	train	20.7938	75.9339	51.4110
1D7P	-1	-1	3	train	18.3024	86.6002	51.4110
1AYM-2	-1	-1	3	validation	19.9795	79.9676	51.4110
2TCT	-1	-1	3	train	19.0945	83.8737	51.4110
1FTJ-B	-1	-1	3	train	20.0642	80.0311	51.4110
1AYM-1	-1	-1	3	train	20.5218	78.4151	51.4110
1FTJ-C	-1	-1	3	train	20.0502	80.4966	51.4110
1CFM-A	-1	-1	3	train	19.9509	81.4936	51.4110
1AUV-A	-1	-1	3	train	20.3714	79.7651	51.4110
1AUV-A	-1	-1	3	train	20.3714	79.7651	51.4110
1F47	-1	-1	3	train	18.3476	89.0623	51.4110
1HG4-E	-1	-1	3	train	19.7891	83.2539	51.4110
1A1R	-1	-1	3	train	21.3325	77.0444	51.4110
3POR	-1	-1	3	train	20.6068	80.2585	51.4110
1QOV-H	-1	-1	3	validation	19.7891	84.7742	51.4110
1NCO	-1	-1	3	train	19.5721	85.9401	51.4110
1AUV-B	-1	-1	3	train	20.3842	82.4789	51.4110
1AUV-B	-1	-1	3	validation	20.3842	82.4789	51.4110
1PLF	-1	-1	3	validation	20.0221	84.8895	51.4110
1QQF	-1	-1	3	validation	20.2937	83.8073	51.4110
1CZD-A	-1	-1	3	train	19.6039	86.8537	51.4110
1FT5	-1	-1	3	train	19.3241	88.0555	51.4110
1JJH	-1	-1	3	train	19.6039	87.6519	51.4110
1J6Z	-1	-1	3	train	21.3325	80.4294	51.4110
1CZD-C	-1	-1	3	validation	19.6039	88.2810	51.4110
1F7C	-1	-1	3	train	18.7902	92.1217	51.4110
2ARC	-1	-1	3	train	20.9607	82.9769	51.4110
1HH8	-1	-1	3	train	19.0762	91.0734	51.4110
1CZD-B	-1	-1	3	train	19.6039	89.0282	51.4110
1FYH-A	-1	-1	3	train	19.8190	88.2122	51.4110
1JGJ	-1	-1	3	validation	19.4253	89.9981	51.4110
1A44	-1	-1	3	train	18.8493	92.8075	51.4110
1MFF	-1	-1	3	train	21.0679	83.4551	51.4110
1QK8	-1	-1	3	train	17.9195	97.3480	51.4110
1NK1	-1	-1	3	validation	21.0889	83.8448	51.4110
1NK1	-1	-1	3	train	21.0889	83.8448	51.4110

1G6H	-1	-1	3	train	19.9938	89.2128	51.4110
1BV1	-1	-1	3	train	18.4362	97.1817	51.4110
1NFP	-1	-1	3	train	19.6039	92.2622	51.4110
1GPC	-1	-1	3	train	19.4419	92.9578	51.4110
1SCE	-1	-1	3	train	21.7050	83.6552	51.4110
1LT5	-1	-1	3	train	22.5460	80.1160	51.4110
1ZEI	-1	-1	3	train	20.8052	87.7381	51.4110
1HG4-B	-1	-1	3	validation	19.7891	92.8980	51.4110
1HG4-F	-1	-1	3	validation	19.7891	94.1321	51.4110
1INN	-1	-1	3	train	20.4848	92.4612	51.4110
1EJ4	-1	-1	3	train	19.0021	98.9476	51.4110
1H8N	-1	-1	3	train	19.4253	98.2066	51.4110
1HQN-B	-1	-1	3	train	21.3029	90.9841	51.4110
1J8Y	-1	-1	3	train	20.4848	94.5450	51.4110
1HQN-C	-1	-1	3	validation	21.3226	91.1395	51.4110
1HG4-C	-1	-1	3	train	19.7589	99.7591	51.4110
1FYH-D	-1	-1	3	train	19.7891	100.0312	51.4110
1HQN-A	-1	-1	3	train	21.2930	96.1086	51.4110
1QOK	-1	-1	3	train	19.5721	104.8720	51.4110
1VPN-D	-1	-1	3	validation	20.4096	102.6293	51.4110
1VPN-C	-1	-1	3	train	20.4096	102.7645	51.4110
1FR9	-1	-1	3	train	18.8493	109.4726	51.4110
1DQZ-A	-1	-1	3	train	20.3457	103.4966	51.4110
1DQZ-A	-1	-1	3	train	20.3457	103.4966	51.4110
1VPN-A	-1	-1	3	train	20.4096	103.4531	51.4110
1VPN-E	-1	-1	3	train	20.4096	105.0940	51.4110
1ILR	-1	-1	3	train	20.4599	105.0792	51.4110
1VPN-B	-1	-1	3	train	20.4599	105.2744	51.4110
1DZI	-1	-1	3	train	19.6354	110.6336	51.4110
2TRH	-1	-1	3	train	19.9938	109.3781	51.4110
1D5W	-1	-1	3	validation	21.2930	105.0052	51.4110
1VIN	-1	-1	3	validation	19.9652	111.4190	51.4110
1DQZ-B	-1	-1	3	validation	20.3457	110.1998	51.4110
1DQZ-B	-1	-1	3	train	20.3457	110.1998	51.4110
1BHD	-1	-1	3	train	19.4086	115.1091	51.4110
1QKM	-1	-1	3	train	19.6667	114.2460	51.4110
2TEP-D	-1	-1	3	validation	19.6667	114.2824	51.4110
2FIB	-1	-1	3	train	19.9938	112.9152	51.4110
1PHN	-1	-1	3	train	20.9716	108.9448	51.4110
2TEP-A	-1	-1	3	train	19.6667	114.6921	51.4110
1G5I-A	-1	-1	3	train	21.6784	106.4759	51.4110
1PSZ	-1	-1	3	train	20.4222	112.0860	51.4110
1F56	-1	-1	3	train	20.2543	113.1398	51.4110
2HEX	-1	-1	3	train	20.3585	113.4505	51.4110
1EAJ	-1	-1	3	train	19.8488	115.7866	51.4110
2TEP-C	-1	-1	3	train	19.6667	117.6042	51.4110

2TEP-B	-1	-1	3	train	19.6667	120.0353	51.4110
1QME	-1	-1	3	train	40.6651	31.7404	51.4110
1HFA	-1	-1	3	train	20.1195	120.4423	51.4110
1A99-A	-1	-1	3	validation	21.0573	117.8742	51.4110
1A99-D	-1	-1	3	train	21.0573	118.3931	51.4110
1AXI	-1	-1	3	train	21.3128	117.3417	51.4110
1A99-B	-1	-1	3	train	21.0573	118.4350	51.4110
1QQ1	-1	-1	3	train	22.7371	111.6785	51.4110
1A99-C	-1	-1	3	train	21.0573	119.0741	51.4110
1DVN	-1	-1	3	validation	21.4388	119.2981	51.4110
1EPB	-1	-1	3	train	20.8727	121.9204	51.4110
1BGE	-1	-1	3	train	20.8052	123.2920	51.4110
1QOV-M	-1	-1	3	train	20.6188	124.4664	51.4110
1MPC	-1	-1	3	validation	21.3520	121.4511	51.4110
1I81	-1	-1	3	train	22.5178	116.5941	51.4110
1AS0	-1	-1	3	validation	20.7480	124.1961	51.4110
1QDV	-1	-1	3	train	21.5972	121.7280	51.4110
1QOV-L	-1	-1	3	train	20.3714	126.9928	51.4110
1JVX	-1	-1	3	train	21.3618	123.7205	51.4110
1IB2	-1	-1	3	train	20.8503	125.9470	51.4110
1EI7	-1	-1	3	train	20.7824	126.3537	51.4110
1JCF	-1	-1	3	validation	21.0040	127.6371	51.4110
1JCF	-1	-1	3	train	21.0040	127.6371	51.4110
1HQO	-1	-1	3	train	21.9612	128.0649	51.4110
3SEB	-1	-1	3	train	19.7589	138.5715	51.4110
1ERN	-1	-1	3	validation	21.7751	130.2432	51.4110
2CBL	-1	-1	3	validation	20.7480	134.6412	51.4110
1JL5	-1	-1	3	train	21.1822	133.6298	51.4110
2CAV	-1	-1	3	train	21.1099	134.0066	51.4110
1EA3	-1	-1	3	train	20.7595	136.0072	51.4110
1CAG	-1	-1	3	validation	22.8805	127.6891	51.4110
1ION	-1	-1	3	train	19.6977	142.0634	51.4110
1A4X	-1	-1	3	validation	20.9824	136.6978	51.4110
1YFP	-1	-1	3	train	22.0427	132.4327	51.4110
1EE4-B	-1	-1	3	train	21.8354	134.9185	51.4110
1BH2	-1	-1	3	validation	20.7710	139.8983	51.4110
1BH2	-1	-1	3	train	20.7710	139.8983	51.4110
1AOH	-1	-1	3	train	20.4724	141.3052	51.4110
1EE4-A	-1	-1	3	validation	21.8354	135.8581	51.4110
1D5T	-1	-1	3	train	38.8297	65.5317	51.4110
1EFT	-1	-1	3	train	21.6784	139.5629	51.4110
1E2U	-1	-1	3	train	40.5289	62.6171	51.4110
1DUW	-1	-1	3	train	20.4599	148.3968	51.4110
1JQF	-1	-1	3	train	20.9280	146.4935	51.4110
1JQF	-1	-1	3	validation	20.9280	146.4935	51.4110
1E9L	-1	-1	3	train	21.3715	145.2396	51.4110

1JRR	-1	-1	3	train	21.3618	145.6159	51.4110
1G6N	-1	-1	3	train	21.6425	145.4005	51.4110
1IXG	-1	-1	3	validation	36.6726	82.0550	51.4110
1D2E-D	-1	-1	3	train	21.6063	150.3490	51.4110
2GWX	-1	-1	3	train	22.6632	148.1517	51.4110
1D2E-B	-1	-1	3	validation	21.6063	153.3539	51.4110
1D2E-C	-1	-1	3	train	21.6063	153.5781	51.4110
1RRG	-1	-1	3	validation	21.1924	155.8431	51.4110
1IN5	-1	-1	3	train	20.6307	159.5652	51.4110
1IN5	-1	-1	3	validation	20.6307	159.5652	51.4110
4BCL	-1	-1	3	train	21.1514	158.3385	51.4110
1OXY	-1	-1	3	train	40.8546	75.9890	51.4110
1D2E-A	-1	-1	3	train	21.6063	159.7173	51.4110
1B63	-1	-1	3	train	20.9716	162.8403	51.4110
4BJL	-1	-1	3	validation	22.0103	160.6180	51.4110
1G3J-A	-1	-1	3	train	22.5947	165.9527	51.4110
1G3J-C	-1	-1	3	train	21.9695	169.1702	51.4110
1BM3	-1	-1	3	train	21.8947	175.3784	51.4110
1IND	-1	-1	3	train	21.8439	175.8327	51.4110
1E7C	-1	-1	3	train	40.9662	100.1949	51.4110
1MDT-A	-1	-1	3	validation	22.6016	181.0344	51.4110
1MDT-B	-1	-1	3	train	22.6016	187.8416	51.4110
1IL1	-1	-1	3	train	21.9612	210.3052	51.4110
1IKF	-1	-1	3	validation	22.0103	213.4927	51.4110
1P30	-1	-1	3	validation	44.0422	120.2197	51.4110
1LLA	-1	-1	3	train	41.1892	135.5184	51.4110
3ERD	-1	-1	3	train	22.4966	227.5356	51.4110
1JET-A	-1	-1	3	train	22.5600	229.0466	51.4110
1EPU	-1	-1	3	train	40.2524	157.3547	51.4110
1F5N	-1	-1	3	validation	40.6323	161.7742	51.4110
1DJ8	-1	-1	3	validation	22.2464	243.8474	51.4110
1C4P	-1	-1	3	train	22.7037	249.2573	51.4110
1BM0-B	-1	-1	3	train	22.9627	267.9537	51.4110
1BM0-A	-1	-1	3	validation	22.9627	268.9774	51.4110
1QSA	-1	-1	3	train	41.4030	200.2891	51.4110
1G7S	-1	-1	3	train	61.0185	133.3289	51.4110
1JI6	-1	-1	3	train	40.9482	233.6946	51.4110
1QFG	-1	-1	3	train	42.3746	259.9404	51.4110
1LVK	-1	-1	3	train	42.7309	280.4646	51.4110
1DOT	-1	-1	3	train	42.1558	323.1097	51.4110
1B0L	-1	-1	3	validation	42.2087	349.3717	51.4110
1CAU	-1	-1	3	train	170.2725	127.6891	51.4110
1JET-B	-1	-1	4	train	3.9668	0.0000	31.9849
1EE4-F	-1	-1	4	train	5.0055	0.0000	31.9849
1D00-M	-1	-1	4	train	5.8112	3.2411	31.9849
1D00-N	-1	-1	4	validation	5.8112	3.2504	31.9849

1D00-L	-1	-1	4	train	5.8112	3.2521	31.9849
1D00-O	-1	-1	4	train	5.8112	3.2582	31.9849
1D00-K	-1	-1	4	train	5.8112	3.2616	31.9849
1D00-I	-1	-1	4	train	5.8112	3.2619	31.9849
1D00-J	-1	-1	4	validation	5.8112	3.2641	31.9849
1D00-P	-1	-1	4	train	5.8112	3.2760	31.9849
1EE4-D	-1	-1	4	validation	5.8112	4.6560	31.9849
1QSC-E	-1	-1	4	train	6.4695	2.8891	31.9849
1QSC-D	-1	-1	4	train	6.4695	2.9251	31.9849
1QSC-F	-1	-1	4	validation	6.4695	2.9579	31.9849
1EE4-E	-1	-1	4	train	7.9336	3.5503	31.9849
1EE4-C	-1	-1	4	train	7.9336	3.5820	31.9849
1AQD-I	-1	-1	4	train	9.5289	6.9086	31.9849
1AQD-L	-1	-1	4	train	9.5289	6.9625	31.9849
1AQD-C	-1	-1	4	train	9.5289	7.0636	31.9849
1AQD-F	-1	-1	4	validation	9.2613	8.8639	31.9849
1JB6	-1	-1	4	train	14.6611	0.0000	31.9849
1RH4	-1	-1	4	train	12.2808	10.4342	31.9849
1LGH-K	-1	-1	4	validation	13.5807	5.5486	31.9849
1LGH-B	-1	-1	4	train	13.5807	5.5508	31.9849
1LGH-H	-1	-1	4	train	13.5807	5.5513	31.9849
1LGH-E	-1	-1	4	validation	13.5807	5.5530	31.9849
2PLH	-1	-1	4	train	13.7448	6.0848	31.9849
1CZQ	-1	-1	4	train	13.8242	5.8255	31.9849
1AYM-4	-1	-1	4	train	12.1584	13.5146	31.9849
1MOF	-1	-1	4	train	14.3356	4.8739	31.9849
2ERA	-1	-1	4	train	14.9019	2.4539	31.9849
1QM7	-1	-1	4	train	14.8432	3.6040	31.9849
1AJJ	-1	-1	4	train	13.0380	14.4823	31.9849
1G3J-D	-1	-1	4	train	12.7327	16.4286	31.9849
1AB1	-1	-1	4	train	14.0523	10.9607	31.9849
1YPA	-1	-1	4	train	15.0166	6.8526	31.9849
1HH0	-1	-1	4	train	13.8242	12.1578	31.9849
1BX8	-1	-1	4	train	14.0523	11.4275	31.9849
1AIE	-1	-1	4	validation	12.3992	18.6706	31.9849
1G3J-B	-1	-1	4	train	13.4087	14.4153	31.9849
2WRP	-1	-1	4	train	16.8042	0.0000	31.9849
2ERL	-1	-1	4	train	13.3195	15.8654	31.9849
1CDT	-1	-1	4	train	17.2863	0.1377	31.9849
1ROP	-1	-1	4	train	14.5344	13.0289	31.9849
3OVO	-1	-1	4	train	14.5344	13.1880	31.9849
1NKD	-1	-1	4	train	14.7229	12.4164	31.9849
1IFG	-1	-1	4	train	17.8429	0.0000	31.9849
1A7W	-1	-1	4	train	15.2355	11.2647	31.9849
3SSI	-1	-1	4	train	16.9059	4.2364	31.9849
1FW4	-1	-1	4	validation	15.1277	13.5181	31.9849

1DFN	-1	-1	4	validation	14.7835	15.7293	31.9849
4OVO	-1	-1	4	train	14.5344	18.1643	31.9849
1MOL	-1	-1	4	validation	18.9073	0.0000	31.9849
1K33	-1	-1	4	train	14.9019	17.2011	31.9849
1CQ4	-1	-1	4	train	14.7835	18.5275	31.9849
1HZ5	-1	-1	4	train	17.9446	5.3995	31.9849
1PGB	-1	-1	4	train	14.5344	20.1024	31.9849
7AME	-1	-1	4	train	15.1277	17.5978	31.9849
1T6F	-1	-1	4	train	15.5408	15.8363	31.9849
2TN4	-1	-1	4	train	18.2104	4.8885	31.9849
1QAW-J	-1	-1	4	train	15.1820	18.0998	31.9849
1QAW-G	-1	-1	4	train	15.1820	18.2096	31.9849
1QAW-F	-1	-1	4	train	15.2355	18.0275	31.9849
1QAW-H	-1	-1	4	validation	15.2355	18.1229	31.9849
1LGH-D	-1	-1	4	train	14.5344	21.1281	31.9849
1LGH-A	-1	-1	4	train	14.5344	21.1297	31.9849
1LGH-G	-1	-1	4	train	14.5344	21.1324	31.9849
1LGH-J	-1	-1	4	train	14.5344	21.1338	31.9849
4LVE	-1	-1	4	train	19.5880	0.0000	31.9849
1QAW-I	-1	-1	4	train	15.1820	19.4004	31.9849
2IGD	-1	-1	4	train	14.8432	21.4623	31.9849
1QAW-A	-1	-1	4	train	15.1820	20.1736	31.9849
1LAF	-1	-1	4	train	19.7740	0.7741	31.9849
7RXN	-1	-1	4	train	14.2669	24.5697	31.9849
1CDM	-1	-1	4	train	18.1160	8.4765	31.9849
1C94	-1	-1	4	validation	15.5408	19.8977	31.9849
1EGI	-1	-1	4	train	20.2410	0.0000	31.9849
1NCX	-1	-1	4	train	18.3699	8.0227	31.9849
1QE6	-1	-1	4	train	20.3198	0.0000	31.9849
2GAL	-1	-1	4	train	20.1469	0.8335	31.9849
5PTI	-1	-1	4	train	14.6611	24.4502	31.9849
2TMY	-1	-1	4	validation	17.2256	13.6998	31.9849
7PTI	-1	-1	4	validation	14.6611	24.6979	31.9849
451C	-1	-1	4	train	15.9114	20.0052	31.9849
3CLN	-1	-1	4	train	17.9195	11.7017	31.9849
1HOE	-1	-1	4	train	15.5408	22.4822	31.9849
1B1U	-1	-1	4	validation	17.1949	15.4668	31.9849
2TGI	-1	-1	4	train	17.0372	16.5885	31.9849
1B7V	-1	-1	4	train	15.3914	24.6835	31.9849
1GZI	-1	-1	4	validation	15.0726	26.0533	31.9849
1CFW	-1	-1	4	train	15.4419	24.5508	31.9849
1QSU	-1	-1	4	train	14.9019	27.3904	31.9849
1QAW-K	-1	-1	4	train	15.2355	26.0362	31.9849
1AS4	-1	-1	4	train	21.3423	0.0000	31.9849
1QAW-B	-1	-1	4	train	15.3401	25.7550	31.9849
1OPC	-1	-1	4	validation	16.5917	20.5161	31.9849

1B7D	-1	-1	4	train	14.8432	28.0598	31.9849
1CC7	-1	-1	4	train	15.4419	25.5564	31.9849
1PTX	-1	-1	4	train	15.1277	26.9535	31.9849
1WHO	-1	-1	4	train	16.4046	21.8424	31.9849
1E9M	-1	-1	4	train	16.8384	20.3896	31.9849
1EHH	-1	-1	4	train	18.6692	12.6800	31.9849
1AIL	-1	-1	4	train	15.3401	27.3761	31.9849
1ET6	-1	-1	4	train	21.6515	0.7554	31.9849
1IRN	-1	-1	4	train	14.3356	32.0334	31.9849
1AY1	-1	-1	4	train	21.8354	0.0000	31.9849
1A92	-1	-1	4	validation	19.1127	11.6764	31.9849
1CSP	-1	-1	4	train	15.1820	28.5667	31.9849
1QAW-E	-1	-1	4	train	15.2882	28.1277	31.9849
2VPF-G	-1	-1	4	train	16.4428	23.2811	31.9849
1E0B	-1	-1	4	train	17.2863	19.8235	31.9849
1QAW-D	-1	-1	4	validation	15.2882	28.5628	31.9849
1B67	-1	-1	4	train	17.6577	18.6298	31.9849
2FB4	-1	-1	4	train	22.0185	0.0000	31.9849
1QAW-C	-1	-1	4	train	15.2882	28.9217	31.9849
1ZFP	-1	-1	4	validation	16.6995	23.0386	31.9849
2HMQ	-1	-1	4	train	22.1066	0.0000	31.9849
1FNA	-1	-1	4	train	16.2875	25.0038	31.9849
1VFY	-1	-1	4	validation	15.1820	29.7514	31.9849
2VPF-D	-1	-1	4	validation	16.4428	24.3852	31.9849
2VPF-H	-1	-1	4	validation	16.4046	24.6461	31.9849
2FDN	-1	-1	4	validation	14.9019	31.3491	31.9849
1C5E-C	-1	-1	4	train	16.4428	24.9841	31.9849
2VPF-C	-1	-1	4	train	16.3660	25.3855	31.9849
1CYO	-1	-1	4	train	16.1664	26.2489	31.9849
1QKX	-1	-1	4	validation	14.6611	32.7642	31.9849
1CI4	-1	-1	4	train	18.6279	15.8645	31.9849
1C5E-A	-1	-1	4	train	16.4428	25.2572	31.9849
1ORC	-1	-1	4	train	15.0166	31.6499	31.9849
1XXA	-1	-1	4	train	21.9364	3.0290	31.9849
1C5E-B	-1	-1	4	validation	16.4428	26.5357	31.9849
1FXD	-1	-1	4	train	14.6611	34.2839	31.9849
1A8O	-1	-1	4	train	15.1277	32.4322	31.9849
1GK6	-1	-1	4	train	16.8723	25.1019	31.9849
1H75	-1	-1	4	train	15.6843	31.1506	31.9849
1COT	-1	-1	4	validation	17.3163	24.5565	31.9849
1HQ3-G	-1	-1	4	train	16.5551	27.8338	31.9849
2VPF-B	-1	-1	4	train	16.4806	28.6357	31.9849
1B9W	-1	-1	4	train	16.2875	29.5007	31.9849
1BTN	-1	-1	4	train	16.8384	27.2257	31.9849
1NTN	-1	-1	4	train	15.4419	33.3865	31.9849
2VPF-A	-1	-1	4	train	16.5180	28.9142	31.9849

1AOX	-1	-1	4	train	21.6515	7.3377	31.9849
1HQ3-D	-1	-1	4	train	15.9552	31.9740	31.9849
2FD2	-1	-1	4	train	16.8384	28.2932	31.9849
9WGA	-1	-1	4	train	21.2128	9.6459	31.9849
1J73	-1	-1	4	train	16.6280	29.3623	31.9849
1MYK	-1	-1	4	train	16.3269	30.7037	31.9849
1CPC-K	-1	-1	4	train	18.3699	22.0416	31.9849
1HQ3-H	-1	-1	4	train	15.9985	32.2369	31.9849
1CPC-A	-1	-1	4	train	18.3699	22.4686	31.9849
1JD1-B	-1	-1	4	validation	17.4337	26.8987	31.9849
1C5K	-1	-1	4	train	21.6063	9.2150	31.9849
1R69	-1	-1	4	validation	14.9597	38.1613	31.9849
1DDV	-1	-1	4	train	16.9721	29.8250	31.9849
1HQ3-C	-1	-1	4	train	16.4428	32.1752	31.9849
2VPF-F	-1	-1	4	train	16.4806	32.0962	31.9849
1F0M	-1	-1	4	train	15.3914	36.8332	31.9849
1DK8	-1	-1	4	train	18.0191	25.6048	31.9849
1BKB	-1	-1	4	validation	17.6305	27.4493	31.9849
7PAZ	-1	-1	4	train	17.3755	28.7837	31.9849
2VPF-E	-1	-1	4	train	16.4806	32.9806	31.9849
1QAD	-1	-1	4	validation	16.7696	31.7609	31.9849
1YTT	-1	-1	4	train	19.6197	19.5905	31.9849
1QG7	-1	-1	4	validation	17.5193	29.0192	31.9849
1LOU	-1	-1	4	train	16.5180	33.3043	31.9849
1G33	-1	-1	4	train	15.5893	37.3634	31.9849
1QVC-D	-1	-1	4	train	17.8429	27.9488	31.9849
1HXI	-1	-1	4	train	16.9059	31.9556	31.9849
1INR	-1	-1	4	validation	17.6305	28.9612	31.9849
1B9N	-1	-1	4	train	22.4608	8.7282	31.9849
1AYI	-1	-1	4	train	16.0834	36.3852	31.9849
1ZOP	-1	-1	4	train	21.3128	14.1851	31.9849
1BMG	-1	-1	4	train	16.5551	34.5208	31.9849
3CYR	-1	-1	4	train	16.8723	33.8751	31.9849
1A0K	-1	-1	4	train	17.5753	31.0410	31.9849
1JD1-E	-1	-1	4	train	17.3755	32.0839	31.9849
1HQ3-E	-1	-1	4	train	16.7696	34.8098	31.9849
1MHO	-1	-1	4	train	16.1664	37.5752	31.9849
1HQ3-A	-1	-1	4	train	16.8384	35.1882	31.9849
1MZM	-1	-1	4	train	16.3660	37.2291	31.9849
1JF0	-1	-1	4	validation	18.9834	26.0657	31.9849
1C6O	-1	-1	4	train	18.7100	27.5554	31.9849
1B0Y	-1	-1	4	train	16.0412	39.0344	31.9849
1KIV	-1	-1	4	train	15.7309	40.4866	31.9849
1JD1-D	-1	-1	4	train	17.4047	33.7210	31.9849
1H4Y	-1	-1	4	train	19.6354	24.4457	31.9849
2IZA	-1	-1	4	train	17.3163	34.3851	31.9849

1G43	-1	-1	4	validation	18.3251	30.3559	31.9849
1CPC-B	-1	-1	4	train	18.5862	29.2777	31.9849
1A1X	-1	-1	4	train	16.8384	36.9846	31.9849
1BXT	-1	-1	4	train	22.0266	14.8280	31.9849
1CPC-L	-1	-1	4	validation	18.5862	29.6120	31.9849
1FLM	-1	-1	4	validation	19.8488	24.2240	31.9849
1QJA	-1	-1	4	train	22.1066	14.6311	31.9849
1NFO	-1	-1	4	train	17.6030	33.9951	31.9849
1EKG	-1	-1	4	train	17.2561	35.7340	31.9849
1FHG	-1	-1	4	train	16.7696	38.2103	31.9849
1FD3	-1	-1	4	train	18.4362	31.1258	31.9849
1FD3	-1	-1	4	train	18.4362	31.1258	31.9849
1A62	-1	-1	4	train	17.3460	35.8957	31.9849
1QJP	-1	-1	4	validation	17.7647	34.3899	31.9849
1QJP	-1	-1	4	train	17.7647	34.3899	31.9849
1JW8	-1	-1	4	validation	18.1870	32.7457	31.9849
1HH5	-1	-1	4	train	15.3914	44.9533	31.9849
1NPS	-1	-1	4	validation	16.1664	41.8228	31.9849
2LIS	-1	-1	4	train	17.6030	35.9191	31.9849
2LIS	-1	-1	4	train	17.6030	35.9191	31.9849
1FAO	-1	-1	4	train	16.6280	40.1387	31.9849
1SKZ	-1	-1	4	validation	16.7696	39.5596	31.9849
1	-1	-1	4	train	20.5585	23.4379	31.9849
1	-1	-1	4	train	20.5585	23.4379	31.9849
2HIP	-1	-1	4	train	17.8941	34.9581	31.9849
3VUB	-1	-1	4	train	16.6639	40.3856	31.9849
1AYF	-1	-1	4	train	19.3751	28.8034	31.9849
1IUZ	-1	-1	4	validation	16.5551	41.1883	31.9849
1H9G	-1	-1	4	validation	19.5238	28.5835	31.9849
1QTP	-1	-1	4	train	19.8339	27.5428	31.9849
1NDD	-1	-1	4	train	20.5463	24.6001	31.9849
1A7G	-1	-1	4	validation	15.9114	44.5658	31.9849
4ICB	-1	-1	4	train	15.7769	45.7622	31.9849
1C1L	-1	-1	4	validation	17.7116	38.1586	31.9849
1CNO-D	-1	-1	4	train	16.0834	45.1869	31.9849
7PCY	-1	-1	4	train	16.6995	42.6870	31.9849
1LE4	-1	-1	4	train	17.8170	37.9211	31.9849
1QJ9	-1	-1	4	train	18.0436	37.0566	31.9849
1G9O	-1	-1	4	validation	16.2875	44.5772	31.9849
1MRG	-1	-1	4	train	19.8782	29.2774	31.9849
1QVC-B	-1	-1	4	train	17.9446	37.8569	31.9849
1A45	-1	-1	4	validation	18.6071	35.3896	31.9849
1CNO-E	-1	-1	4	validation	16.0834	46.2601	31.9849
1AQE	-1	-1	4	train	16.9721	42.8384	31.9849
1CNO-C	-1	-1	4	train	16.0834	46.6823	31.9849
1CNO-G	-1	-1	4	train	16.1252	46.6179	31.9849

1CNO-B	-1	-1	4	train	16.0834	46.9107	31.9849
1JLY-B	-1	-1	4	validation	20.5827	28.0163	31.9849
1JLY-B	-1	-1	4	train	20.5827	28.0163	31.9849
1CNO-A	-1	-1	4	validation	16.0834	47.2530	31.9849
1CNO-F	-1	-1	4	train	16.0834	47.4348	31.9849
1IOP	-1	-1	4	train	18.1635	38.5607	31.9849
1JLY-A	-1	-1	4	train	20.5827	28.3143	31.9849
1JLY-A	-1	-1	4	train	20.5827	28.3143	31.9849
1CNO-H	-1	-1	4	train	16.0834	47.5798	31.9849
1KDJ	-1	-1	4	validation	16.6995	45.0980	31.9849
1NT3	-1	-1	4	train	16.9059	44.6253	31.9849
1J7A	-1	-1	4	validation	16.5551	46.5956	31.9849
1QTO	-1	-1	4	train	17.3460	43.2450	31.9849
1K0K	-1	-1	4	train	17.4337	42.9049	31.9849
1HQ3-B	-1	-1	4	validation	16.3269	47.7819	31.9849
3PSR	-1	-1	4	validation	18.9834	36.4610	31.9849
1ED1	-1	-1	4	validation	17.1011	44.6045	31.9849
1YHB	-1	-1	4	validation	16.1252	48.9385	31.9849
1H9K	-1	-1	4	train	17.9446	41.2120	31.9849
1QGH-J	-1	-1	4	train	18.0920	40.6561	31.9849
1IC0-C	-1	-1	4	train	17.0048	45.3290	31.9849
1HZG	-1	-1	4	train	20.5341	30.4693	31.9849
1I6A	-1	-1	4	validation	19.3412	35.7456	31.9849
1QGH-E	-1	-1	4	train	18.0920	41.1932	31.9849
2IMN	-1	-1	4	train	17.0693	45.6185	31.9849
1EKS	-1	-1	4	train	17.8429	42.3192	31.9849
4PAL	-1	-1	4	train	16.8723	46.5220	31.9849
1LIN	-1	-1	4	train	17.9944	41.8304	31.9849
2TDX	-1	-1	4	train	17.8170	42.6263	31.9849
1QGH-F	-1	-1	4	train	18.0920	41.5185	31.9849
1QGH-A	-1	-1	4	train	18.0920	41.5859	31.9849
1QVC-C	-1	-1	4	train	17.9446	42.2273	31.9849
1QGH-G	-1	-1	4	train	18.0920	41.8223	31.9849
1IC0-F	-1	-1	4	train	16.9721	46.8539	31.9849
1IC0-D	-1	-1	4	validation	17.0048	46.8166	31.9849
1HTJ	-1	-1	4	train	18.7100	39.5540	31.9849
1QGH-C	-1	-1	4	train	18.0920	42.2252	31.9849
1IC0-B	-1	-1	4	train	17.0048	47.0307	31.9849
1G7C	-1	-1	4	train	22.6496	23.0122	31.9849
1IC0-E	-1	-1	4	train	17.0048	47.2900	31.9849
1IC0-A	-1	-1	4	train	16.9721	47.4423	31.9849
1QVC-A	-1	-1	4	validation	17.9696	43.2002	31.9849
1B88	-1	-1	4	train	19.6039	36.2425	31.9849
1FVU-B	-1	-1	4	train	17.3163	46.9833	31.9849
1I07	-1	-1	4	validation	17.2256	47.4183	31.9849
1NFT	-1	-1	4	train	20.9280	31.6970	31.9849

1NFT	-1	-1	4	train	20.9280	31.6970	31.9849
1QGH-B	-1	-1	4	train	18.0920	43.9503	31.9849
3EIP	-1	-1	4	train	18.5012	42.2618	31.9849
2IMM	-1	-1	4	validation	17.1011	48.3222	31.9849
2FGF	-1	-1	4	train	17.4625	46.8260	31.9849
1BD8	-1	-1	4	train	18.2336	43.5714	31.9849
1QDE	-1	-1	4	validation	19.1488	39.7816	31.9849
1BFT	-1	-1	4	train	19.1667	39.7598	31.9849
1JD1-A	-1	-1	4	train	17.4625	47.2198	31.9849
1HDF	-1	-1	4	train	19.0945	40.2775	31.9849
1JD1-F	-1	-1	4	validation	17.4337	47.3998	31.9849
3PRN	-1	-1	4	train	20.4599	34.4934	31.9849
2YGS	-1	-1	4	train	16.3269	52.2788	31.9849
1QGH-D	-1	-1	4	validation	18.0920	44.8819	31.9849
1NAT	-1	-1	4	train	17.2561	48.5973	31.9849
1AWP	-1	-1	4	train	18.5862	42.9767	31.9849
1G5I-B	-1	-1	4	train	21.6063	30.0813	31.9849
1OR3	-1	-1	4	train	17.7382	46.6303	31.9849
1HQ3-F	-1	-1	4	validation	16.3660	52.5085	31.9849
1JAF	-1	-1	4	validation	20.0221	36.9337	31.9849
1FL1	-1	-1	4	train	21.6245	30.1311	31.9849
1FVU-A	-1	-1	4	validation	17.6577	47.0963	31.9849
1000000	-1	-1	4	train	17.5753	47.6285	31.9849
1QGH-H	-1	-1	4	validation	18.0920	45.9069	31.9849
1BAS	-1	-1	4	validation	17.4337	48.8841	31.9849
1B3A	-1	-1	4	train	17.6847	47.8470	31.9849
1LVE	-1	-1	4	train	17.1011	50.4640	31.9849
1JMW	-1	-1	4	train	17.9944	46.7112	31.9849
1J8Q	-1	-1	4	train	18.0191	46.6743	31.9849
3FIS	-1	-1	4	train	17.9944	46.8102	31.9849
1I92	-1	-1	4	train	16.4428	53.8307	31.9849
3LBD	-1	-1	4	validation	19.7437	39.8440	31.9849
1DQO	-1	-1	4	train	17.6847	48.6959	31.9849
1AUN	-1	-1	4	train	19.2724	42.0113	31.9849
1JDO	-1	-1	4	train	18.1870	46.9316	31.9849
1F2X	-1	-1	4	train	19.9652	39.3489	31.9849
2FAL	-1	-1	4	validation	17.9944	47.7745	31.9849
2TIR	-1	-1	4	train	16.9059	52.5060	31.9849
1JD1-C	-1	-1	4	train	17.4625	50.7404	31.9849
1ALU	-1	-1	4	train	18.2567	47.4388	31.9849
1IRD-B	-1	-1	4	train	17.9944	48.6398	31.9849
1UP1	-1	-1	4	train	18.5440	46.5762	31.9849
1FVU-D	-1	-1	4	train	17.3163	51.9934	31.9849
1JAH	-1	-1	4	train	18.4580	47.1666	31.9849
1QGH-L	-1	-1	4	validation	18.0920	49.0182	31.9849
1JOT	-1	-1	4	train	18.0679	49.1248	31.9849

1QLP	-1	-1	4	train	21.3715	35.0844	31.9849
2FIT	-1	-1	4	validation	17.5193	51.5551	31.9849
1A0S-P	-1	-1	4	train	21.7490	33.5275	31.9849
1BFE	-1	-1	4	train	16.9721	54.1623	31.9849
1JB3	-1	-1	4	train	17.4910	51.9446	31.9849
2FHA	-1	-1	4	train	18.5862	47.2944	31.9849
1BMB	-1	-1	4	validation	16.8384	54.7769	31.9849
3SEM	-1	-1	4	validation	17.4910	52.1210	31.9849
1QGH-I	-1	-1	4	train	18.0920	49.6176	31.9849
2A2U-C	-1	-1	4	validation	18.2796	48.8673	31.9849
2A2U-B	-1	-1	4	train	18.2796	48.8732	31.9849
2A2U-A	-1	-1	4	train	18.2796	48.8762	31.9849
2A2U-D	-1	-1	4	train	18.2796	48.8792	31.9849
1MSC	-1	-1	4	train	17.5474	52.0903	31.9849
1QGH-K	-1	-1	4	train	18.0920	49.8827	31.9849
1AHQ	-1	-1	4	train	17.6577	51.8765	31.9849
1FVU-C	-1	-1	4	train	17.6577	51.9919	31.9849
1IO3	-1	-1	4	train	16.8723	55.4260	31.9849
1A0S-Q	-1	-1	4	validation	21.7490	35.3170	31.9849
1AVU	-1	-1	4	train	18.5862	49.2414	31.9849
2LIG	-1	-1	4	validation	20.7710	39.9279	31.9849
1A0S-R	-1	-1	4	train	21.7490	36.4008	31.9849
1KMB	-1	-1	4	train	22.0347	35.2360	31.9849
1FSO	-1	-1	4	train	17.7910	53.3811	31.9849
3CAR	-1	-1	4	validation	16.6995	58.5074	31.9849
1DTJ	-1	-1	4	train	20.1605	44.5046	31.9849
1IKE	-1	-1	4	validation	18.8687	50.3118	31.9849
1BXM	-1	-1	4	validation	16.5917	60.1147	31.9849
4MON	-1	-1	4	validation	18.9073	50.2398	31.9849
1G4R	-1	-1	4	train	21.1822	40.5639	31.9849
1B09-D	-1	-1	4	train	19.2375	48.9256	31.9849
1EWF	-1	-1	4	validation	22.2464	36.0835	31.9849
2BNH	-1	-1	4	train	22.1066	36.9697	31.9849
1DOK	-1	-1	4	train	18.0679	54.2364	31.9849
1B09-C	-1	-1	4	train	19.2375	49.3584	31.9849
1CT5	-1	-1	4	validation	19.5560	48.0811	31.9849
3RHN	-1	-1	4	train	17.1326	58.4951	31.9849
1B09-B	-1	-1	4	train	19.2375	49.6552	31.9849
1B71	-1	-1	4	validation	18.9645	50.8999	31.9849
1B0O	-1	-1	4	train	18.3476	53.5768	31.9849
1LFO	-1	-1	4	validation	17.4625	57.9181	31.9849
1B09-A	-1	-1	4	validation	19.2375	50.4850	31.9849
1B09-E	-1	-1	4	validation	19.2375	50.6507	31.9849
1MJK	-1	-1	4	train	19.2724	50.5705	31.9849
1I7E	-1	-1	4	train	19.7437	48.7168	31.9849
3PYP	-1	-1	4	train	17.7647	57.1965	31.9849

1E4J	-1	-1	4	train	18.5651	53.7923	31.9849
1DV8	-1	-1	4	validation	17.5193	58.3422	31.9849
1A8A	-1	-1	4	train	20.8052	44.6093	31.9849
1ILS-A	-1	-1	4	validation	17.5193	58.8244	31.9849
1AR0	-1	-1	4	validation	19.8782	48.8106	31.9849
1JLM	-1	-1	4	validation	18.8881	53.1017	31.9849
1XCA	-1	-1	4	train	20.2675	47.3912	31.9849
1ILS-D	-1	-1	4	train	17.5193	59.1474	31.9849
1ILS-B	-1	-1	4	train	17.5193	59.3935	31.9849
1IE8	-1	-1	4	train	19.9365	49.1602	31.9849
1KLO	-1	-1	4	train	18.3699	55.9718	31.9849
1MUP	-1	-1	4	train	18.2567	56.9979	31.9849
2OMF	-1	-1	4	train	21.0467	45.1221	31.9849
2OMF	-1	-1	4	validation	21.0467	45.1221	31.9849
1F2L	-1	-1	4	validation	20.1058	49.3520	31.9849
1BOY	-1	-1	4	train	19.3241	52.8455	31.9849
1HUS	-1	-1	4	validation	17.6577	60.0748	31.9849
1AQD-G	-1	-1	4	train	18.6896	55.7872	31.9849
1IIT	-1	-1	4	train	19.4913	52.4755	31.9849
1ILS-C	-1	-1	4	train	17.5193	61.4649	31.9849
2FCR	-1	-1	4	train	18.6071	57.0375	31.9849
1D00-G	-1	-1	4	train	18.5012	57.6427	31.9849
1RCB	-1	-1	4	train	17.5474	61.7818	31.9849
1G62	-1	-1	4	train	19.5400	53.2947	31.9849
1LIT	-1	-1	4	train	17.6030	61.5800	31.9849
1D00-A	-1	-1	4	train	18.5012	57.8838	31.9849
1D00-C	-1	-1	4	train	18.5012	57.9584	31.9849
1ATG	-1	-1	4	train	19.6511	53.1020	31.9849
1D00-E	-1	-1	4	train	18.5012	58.0366	31.9849
1D00-B	-1	-1	4	validation	18.5012	58.1425	31.9849
1CXA	-1	-1	4	train	17.4047	62.9940	31.9849
1D00-D	-1	-1	4	train	18.5012	58.4431	31.9849
1D00-F	-1	-1	4	validation	18.5012	58.5425	31.9849
1AQD-J	-1	-1	4	validation	18.6896	57.8064	31.9849
1CDH	-1	-1	4	validation	18.7100	58.1749	31.9849
1SWG	-1	-1	4	train	22.1616	43.4318	31.9849
1G5Y-D	-1	-1	4	train	19.6197	54.4223	31.9849
1QDN-B	-1	-1	4	train	18.9265	57.5115	31.9849
1A3Z	-1	-1	4	train	18.0920	61.5344	31.9849
1SFP	-1	-1	4	train	17.0048	66.4417	31.9849
1CS3	-1	-1	4	train	17.1639	65.8627	31.9849
1QDN-C	-1	-1	4	train	18.9456	58.3025	31.9849
1D00-H	-1	-1	4	train	18.5012	60.2927	31.9849
1GE8	-1	-1	4	train	19.7589	55.2585	31.9849
1A64	-1	-1	4	train	18.9073	58.9644	31.9849
1J8S	-1	-1	4	train	19.0021	59.1107	31.9849

1MSA	-1	-1	4	validation	21.9447	46.6481	31.9849
1G5Y-B	-1	-1	4	train	19.6197	56.8408	31.9849
2INT	-1	-1	4	train	17.5474	65.8947	31.9849
2LIV	-1	-1	4	train	21.0889	50.7992	31.9849
1KOE	-1	-1	4	validation	18.5862	61.8366	31.9849
1QDN-A	-1	-1	4	train	18.9265	60.4297	31.9849
1FCY	-1	-1	4	train	19.7437	57.3824	31.9849
1ET9	-1	-1	4	train	19.0393	60.5115	31.9849
2UGI	-1	-1	4	train	18.4580	63.5268	31.9849
1BTG	-1	-1	4	validation	20.8949	53.3488	31.9849
1AQD-D	-1	-1	4	train	18.6896	62.8055	31.9849
1QFV	-1	-1	4	train	21.0889	53.2972	31.9849
1A2B	-1	-1	4	train	18.7100	63.7392	31.9849
1F5M	-1	-1	4	validation	21.1822	53.5236	31.9849
1G1C	-1	-1	4	train	19.0578	62.7612	31.9849
1E+29	-1	-1	4	train	17.7116	68.7528	31.9849
1AAZ	-1	-1	4	train	18.6279	65.2033	31.9849
1E+87	-1	-1	4	validation	17.3163	70.8573	31.9849
1BA2	-1	-1	4	train	22.7305	48.2382	31.9849
1BYF	-1	-1	4	train	19.8782	60.4426	31.9849
1LEN	-1	-1	4	train	22.1066	51.3027	31.9849
1FHW	-1	-1	4	train	19.9075	61.0740	31.9849
1FYH-B	-1	-1	4	train	19.1488	64.5682	31.9849
1AQD-E	-1	-1	4	train	18.8881	66.1475	31.9849
3KAR	-1	-1	4	train	20.8615	57.8104	31.9849
1G8I	-1	-1	4	train	21.3325	55.9600	31.9849
1AQD-B	-1	-1	4	validation	18.8881	66.7343	31.9849
1A04	-1	-1	4	train	21.7227	54.6869	31.9849
1QHV	-1	-1	4	train	19.0393	66.2520	31.9849
1EG4	-1	-1	4	validation	20.2543	61.0808	31.9849
1G5I-D	-1	-1	4	train	21.7665	54.7078	31.9849
1A21	-1	-1	4	validation	21.5514	55.7678	31.9849
1B8Z	-1	-1	4	validation	17.6847	72.4299	31.9849
1FBQ	-1	-1	4	validation	18.7100	68.1829	31.9849
2WBC	-1	-1	4	train	18.8100	67.9517	31.9849
1QSC-C	-1	-1	4	train	18.5862	69.2087	31.9849
1EYH	-1	-1	4	train	17.9446	71.9624	31.9849
1PCZ	-1	-1	4	train	21.3128	57.9746	31.9849
1JY3	-1	-1	4	train	20.3842	62.0965	31.9849
1IOZ	-1	-1	4	validation	18.3699	70.8663	31.9849
1MYT	-1	-1	4	validation	17.9944	72.5318	31.9849
2TNF	-1	-1	4	train	22.0103	55.7054	31.9849
1FYH-E	-1	-1	4	train	19.1488	68.1939	31.9849
1E7Z	-1	-1	4	train	18.6071	70.7816	31.9849
1QSC-A	-1	-1	4	train	18.5862	70.9775	31.9849
1G5I-C	-1	-1	4	validation	21.6784	58.0017	31.9849

1QSC-B	-1	-1	4	validation	18.5862	71.2335	31.9849
1OVB	-1	-1	4	train	18.3024	72.7561	31.9849
1LKF	-1	-1	4	train	20.4972	63.6443	31.9849
1JOB	-1	-1	4	train	18.3699	72.7462	31.9849
1I31	-1	-1	4	train	20.1058	65.6137	31.9849
1AQB	-1	-1	4	train	18.6486	72.5655	31.9849
1BY7	-1	-1	4	train	21.1924	61.7200	31.9849
2GDM	-1	-1	4	train	18.1635	75.6600	31.9849
1G5Y-A	-1	-1	4	train	19.6039	69.8944	31.9849
1AQD-H	-1	-1	4	train	18.8881	74.0873	31.9849
7ABP	-1	-1	4	validation	20.6545	66.8076	31.9849
1BRX	-1	-1	4	train	19.2897	72.8080	31.9849
1AQD-A	-1	-1	4	train	18.7302	75.7259	31.9849
2UTG	-1	-1	4	validation	17.8429	79.8987	31.9849
1JLJ-C	-1	-1	4	train	18.5651	77.1997	31.9849
1JBC	-1	-1	4	validation	19.7437	72.1650	31.9849
1IRD-A	-1	-1	4	train	17.8686	80.4600	31.9849
3GBP	-1	-1	4	train	20.6545	68.6045	31.9849
2TSS-C	-1	-1	4	train	19.0208	75.7781	31.9849
2TSS-B	-1	-1	4	train	19.0208	76.0159	31.9849
1FH2	-1	-1	4	validation	19.6667	73.9559	31.9849
1NCH	-1	-1	4	train	19.0945	76.5773	31.9849
1AYM-3	-1	-1	4	train	19.7740	73.9524	31.9849
2PSP	-1	-1	4	train	19.3069	76.0365	31.9849
1NG1	-1	-1	4	validation	20.5218	71.0372	31.9849
1NG1	-1	-1	4	train	20.5218	71.0372	31.9849
2TSS-A	-1	-1	4	validation	19.0208	77.9404	31.9849
1AQD-K	-1	-1	4	train	18.9073	78.8605	31.9849
1JLJ-A	-1	-1	4	train	18.5651	80.5601	31.9849
1RPJ	-1	-1	4	validation	20.4474	72.5881	31.9849
1HJP	-1	-1	4	train	18.8687	79.3922	31.9849
1CFM-B	-1	-1	4	validation	19.9509	75.9565	31.9849
1HG4-A	-1	-1	4	validation	19.7891	76.7809	31.9849
1C48	-1	-1	4	train	21.1822	70.8932	31.9849
1I4U-B	-1	-1	4	train	18.7503	81.5158	31.9849
1IC2	-1	-1	4	train	20.7364	73.1165	31.9849
1IC2	-1	-1	4	validation	20.7364	73.1165	31.9849
1AUE	-1	-1	4	validation	18.8687	81.4175	31.9849
1HG4-D	-1	-1	4	train	19.7589	77.9275	31.9849
1G5Y-C	-1	-1	4	validation	19.5721	78.7457	31.9849
1I4U-A	-1	-1	4	train	18.7703	82.3131	31.9849
1WU3	-1	-1	4	validation	18.3476	84.3444	31.9849
1FTJ-A	-1	-1	4	train	20.0502	77.2637	31.9849
1CFM-C	-1	-1	4	train	19.9509	77.9250	31.9849
1NSF	-1	-1	4	train	19.8929	78.2318	31.9849
1JLJ-B	-1	-1	4	train	18.5862	84.7920	31.9849

1EZG	-1	-1	4	train	18.4142	85.7169	31.9849
1MH1	-1	-1	4	validation	18.8100	84.3777	31.9849
1MRP	-1	-1	4	train	20.7938	75.9339	31.9849
1D7P	-1	-1	4	train	18.3024	86.6002	31.9849
1AYM-2	-1	-1	4	train	19.9795	79.9676	31.9849
2TCT	-1	-1	4	validation	19.0945	83.8737	31.9849
1FTJ-B	-1	-1	4	train	20.0642	80.0311	31.9849
1AYM-1	-1	-1	4	validation	20.5218	78.4151	31.9849
1FTJ-C	-1	-1	4	train	20.0502	80.4966	31.9849
1CFM-A	-1	-1	4	train	19.9509	81.4936	31.9849
1AUV-A	-1	-1	4	train	20.3714	79.7651	31.9849
1AUV-A	-1	-1	4	train	20.3714	79.7651	31.9849
1F47	-1	-1	4	train	18.3476	89.0623	31.9849
1HG4-E	-1	-1	4	validation	19.7891	83.2539	31.9849
1A1R	-1	-1	4	train	21.3325	77.0444	31.9849
3POR	-1	-1	4	train	20.6068	80.2585	31.9849
1QOV-H	-1	-1	4	train	19.7891	84.7742	31.9849
1NCO	-1	-1	4	validation	19.5721	85.9401	31.9849
1AUV-B	-1	-1	4	validation	20.3842	82.4789	31.9849
1AUV-B	-1	-1	4	train	20.3842	82.4789	31.9849
1PLF	-1	-1	4	train	20.0221	84.8895	31.9849
1QQF	-1	-1	4	train	20.2937	83.8073	31.9849
1CZD-A	-1	-1	4	train	19.6039	86.8537	31.9849
1FT5	-1	-1	4	validation	19.3241	88.0555	31.9849
1JJH	-1	-1	4	train	19.6039	87.6519	31.9849
1J6Z	-1	-1	4	train	21.3325	80.4294	31.9849
1CZD-C	-1	-1	4	train	19.6039	88.2810	31.9849
1F7C	-1	-1	4	train	18.7902	92.1217	31.9849
2ARC	-1	-1	4	train	20.9607	82.9769	31.9849
1HH8	-1	-1	4	validation	19.0762	91.0734	31.9849
1CZD-B	-1	-1	4	validation	19.6039	89.0282	31.9849
1FYH-A	-1	-1	4	train	19.8190	88.2122	31.9849
1JGJ	-1	-1	4	train	19.4253	89.9981	31.9849
1A44	-1	-1	4	train	18.8493	92.8075	31.9849
1MFF	-1	-1	4	train	21.0679	83.4551	31.9849
1QK8	-1	-1	4	train	17.9195	97.3480	31.9849
1NK1	-1	-1	4	train	21.0889	83.8448	31.9849
1NK1	-1	-1	4	train	21.0889	83.8448	31.9849
1G6H	-1	-1	4	train	19.9938	89.2128	31.9849
1BV1	-1	-1	4	train	18.4362	97.1817	31.9849
1NFP	-1	-1	4	validation	19.6039	92.2622	31.9849
1GPC	-1	-1	4	train	19.4419	92.9578	31.9849
1SCE	-1	-1	4	train	21.7050	83.6552	31.9849
1LT5	-1	-1	4	train	22.5460	80.1160	31.9849
1ZEI	-1	-1	4	train	20.8052	87.7381	31.9849
1HG4-B	-1	-1	4	train	19.7891	92.8980	31.9849

1HG4-F	-1	-1	4	train	19.7891	94.1321	31.9849
1INN	-1	-1	4	train	20.4848	92.4612	31.9849
1EJ4	-1	-1	4	validation	19.0021	98.9476	31.9849
1H8N	-1	-1	4	train	19.4253	98.2066	31.9849
1HQN-B	-1	-1	4	validation	21.3029	90.9841	31.9849
1J8Y	-1	-1	4	train	20.4848	94.5450	31.9849
1HQN-C	-1	-1	4	train	21.3226	91.1395	31.9849
1HG4-C	-1	-1	4	train	19.7589	99.7591	31.9849
1FYH-D	-1	-1	4	validation	19.7891	100.0312	31.9849
1HQN-A	-1	-1	4	train	21.2930	96.1086	31.9849
1QOK	-1	-1	4	validation	19.5721	104.8720	31.9849
1VPN-D	-1	-1	4	train	20.4096	102.6293	31.9849
1VPN-C	-1	-1	4	validation	20.4096	102.7645	31.9849
1FR9	-1	-1	4	train	18.8493	109.4726	31.9849
1DQZ-A	-1	-1	4	train	20.3457	103.4966	31.9849
1DQZ-A	-1	-1	4	train	20.3457	103.4966	31.9849
1VPN-A	-1	-1	4	train	20.4096	103.4531	31.9849
1VPN-E	-1	-1	4	train	20.4096	105.0940	31.9849
1ILR	-1	-1	4	train	20.4599	105.0792	31.9849
1VPN-B	-1	-1	4	train	20.4599	105.2744	31.9849
1DZI	-1	-1	4	train	19.6354	110.6336	31.9849
2TRH	-1	-1	4	train	19.9938	109.3781	31.9849
1D5W	-1	-1	4	train	21.2930	105.0052	31.9849
1VIN	-1	-1	4	train	19.9652	111.4190	31.9849
1DQZ-B	-1	-1	4	train	20.3457	110.1998	31.9849
1DQZ-B	-1	-1	4	validation	20.3457	110.1998	31.9849
1BHD	-1	-1	4	train	19.4086	115.1091	31.9849
1QKM	-1	-1	4	train	19.6667	114.2460	31.9849
2TEP-D	-1	-1	4	train	19.6667	114.2824	31.9849
2FIB	-1	-1	4	train	19.9938	112.9152	31.9849
1PHN	-1	-1	4	validation	20.9716	108.9448	31.9849
2TEP-A	-1	-1	4	train	19.6667	114.6921	31.9849
1G5I-A	-1	-1	4	train	21.6784	106.4759	31.9849
1PSZ	-1	-1	4	train	20.4222	112.0860	31.9849
1F56	-1	-1	4	train	20.2543	113.1398	31.9849
2HEX	-1	-1	4	validation	20.3585	113.4505	31.9849
1EAJ	-1	-1	4	train	19.8488	115.7866	31.9849
2TEP-C	-1	-1	4	validation	19.6667	117.6042	31.9849
2TEP-B	-1	-1	4	train	19.6667	120.0353	31.9849
1QME	-1	-1	4	train	40.6651	31.7404	31.9849
1HFA	-1	-1	4	train	20.1195	120.4423	31.9849
1A99-A	-1	-1	4	train	21.0573	117.8742	31.9849
1A99-D	-1	-1	4	validation	21.0573	118.3931	31.9849
1AXI	-1	-1	4	validation	21.3128	117.3417	31.9849
1A99-B	-1	-1	4	train	21.0573	118.4350	31.9849
1QQ1	-1	-1	4	validation	22.7371	111.6785	31.9849

1A99-C	-1	-1	4	train	21.0573	119.0741	31.9849
1DVN	-1	-1	4	train	21.4388	119.2981	31.9849
1EPB	-1	-1	4	train	20.8727	121.9204	31.9849
1BGE	-1	-1	4	validation	20.8052	123.2920	31.9849
1QOV-M	-1	-1	4	train	20.6188	124.4664	31.9849
1MPC	-1	-1	4	train	21.3520	121.4511	31.9849
1I81	-1	-1	4	train	22.5178	116.5941	31.9849
1AS0	-1	-1	4	train	20.7480	124.1961	31.9849
1QDV	-1	-1	4	validation	21.5972	121.7280	31.9849
1QOV-L	-1	-1	4	train	20.3714	126.9928	31.9849
1JVX	-1	-1	4	train	21.3618	123.7205	31.9849
1IB2	-1	-1	4	validation	20.8503	125.9470	31.9849
1EI7	-1	-1	4	train	20.7824	126.3537	31.9849
1JCF	-1	-1	4	train	21.0040	127.6371	31.9849
1JCF	-1	-1	4	train	21.0040	127.6371	31.9849
1HQO	-1	-1	4	train	21.9612	128.0649	31.9849
3SEB	-1	-1	4	train	19.7589	138.5715	31.9849
1ERN	-1	-1	4	train	21.7751	130.2432	31.9849
2CBL	-1	-1	4	train	20.7480	134.6412	31.9849
1JL5	-1	-1	4	validation	21.1822	133.6298	31.9849
2CAV	-1	-1	4	validation	21.1099	134.0066	31.9849
1EA3	-1	-1	4	train	20.7595	136.0072	31.9849
1CAG	-1	-1	4	train	22.8805	127.6891	31.9849
1ION	-1	-1	4	train	19.6977	142.0634	31.9849
1A4X	-1	-1	4	train	20.9824	136.6978	31.9849
1YFP	-1	-1	4	train	22.0427	132.4327	31.9849
1EE4-B	-1	-1	4	train	21.8354	134.9185	31.9849
1BH2	-1	-1	4	train	20.7710	139.8983	31.9849
1BH2	-1	-1	4	train	20.7710	139.8983	31.9849
1AOH	-1	-1	4	validation	20.4724	141.3052	31.9849
1EE4-A	-1	-1	4	train	21.8354	135.8581	31.9849
1D5T	-1	-1	4	validation	38.8297	65.5317	31.9849
1EFT	-1	-1	4	train	21.6784	139.5629	31.9849
1E2U	-1	-1	4	validation	40.5289	62.6171	31.9849
1DUW	-1	-1	4	train	20.4599	148.3968	31.9849
1JQF	-1	-1	4	train	20.9280	146.4935	31.9849
1JQF	-1	-1	4	validation	20.9280	146.4935	31.9849
1E9L	-1	-1	4	validation	21.3715	145.2396	31.9849
1JRR	-1	-1	4	train	21.3618	145.6159	31.9849
1G6N	-1	-1	4	validation	21.6425	145.4005	31.9849
1IXG	-1	-1	4	train	36.6726	82.0550	31.9849
1D2E-D	-1	-1	4	train	21.6063	150.3490	31.9849
2GWX	-1	-1	4	train	22.6632	148.1517	31.9849
1D2E-B	-1	-1	4	train	21.6063	153.3539	31.9849
1D2E-C	-1	-1	4	train	21.6063	153.5781	31.9849
1RRG	-1	-1	4	train	21.1924	155.8431	31.9849

1IN5	-1	-1	4	train	20.6307	159.5652	31.9849
1IN5	-1	-1	4	validation	20.6307	159.5652	31.9849
4BCL	-1	-1	4	validation	21.1514	158.3385	31.9849
1OXY	-1	-1	4	validation	40.8546	75.9890	31.9849
1D2E-A	-1	-1	4	validation	21.6063	159.7173	31.9849
1B63	-1	-1	4	train	20.9716	162.8403	31.9849
4BJL	-1	-1	4	train	22.0103	160.6180	31.9849
1G3J-A	-1	-1	4	validation	22.5947	165.9527	31.9849
1G3J-C	-1	-1	4	train	21.9695	169.1702	31.9849
1BM3	-1	-1	4	train	21.8947	175.3784	31.9849
1IND	-1	-1	4	train	21.8439	175.8327	31.9849
1E7C	-1	-1	4	train	40.9662	100.1949	31.9849
1MDT-A	-1	-1	4	train	22.6016	181.0344	31.9849
1MDT-B	-1	-1	4	train	22.6016	187.8416	31.9849
1IL1	-1	-1	4	train	21.9612	210.3052	31.9849
1IKF	-1	-1	4	train	22.0103	213.4927	31.9849
1P30	-1	-1	4	train	44.0422	120.2197	31.9849
1LLA	-1	-1	4	validation	41.1892	135.5184	31.9849
3ERD	-1	-1	4	validation	22.4966	227.5356	31.9849
1JET-A	-1	-1	4	train	22.5600	229.0466	31.9849
1EPU	-1	-1	4	validation	40.2524	157.3547	31.9849
1F5N	-1	-1	4	train	40.6323	161.7742	31.9849
1DJ8	-1	-1	4	train	22.2464	243.8474	31.9849
1C4P	-1	-1	4	train	22.7037	249.2573	31.9849
1BM0-B	-1	-1	4	train	22.9627	267.9537	31.9849
1BM0-A	-1	-1	4	train	22.9627	268.9774	31.9849
1QSA	-1	-1	4	train	41.4030	200.2891	31.9849
1G7S	-1	-1	4	train	61.0185	133.3289	31.9849
1JI6	-1	-1	4	train	40.9482	233.6946	31.9849
1QFG	-1	-1	4	train	42.3746	259.9404	31.9849
1LVK	-1	-1	4	validation	42.7309	280.4646	31.9849
1DOT	-1	-1	4	validation	42.1558	323.1097	31.9849
1B0L	-1	-1	4	train	42.2087	349.3717	31.9849
1CAU	-1	-1	4	train	170.2725	127.6891	31.9849
1JET-B	-1	-1	5	train	3.9668	0.0000	19.3915
1EE4-F	-1	-1	5	validation	5.0055	0.0000	19.3915
1D00-M	-1	-1	5	train	5.8112	3.2411	19.3915
1D00-N	-1	-1	5	train	5.8112	3.2504	19.3915
1D00-L	-1	-1	5	validation	5.8112	3.2521	19.3915
1D00-O	-1	-1	5	train	5.8112	3.2582	19.3915
1D00-K	-1	-1	5	train	5.8112	3.2616	19.3915
1D00-I	-1	-1	5	train	5.8112	3.2619	19.3915
1D00-J	-1	-1	5	train	5.8112	3.2641	19.3915
1D00-P	-1	-1	5	validation	5.8112	3.2760	19.3915
1EE4-D	-1	-1	5	train	5.8112	4.6560	19.3915
1QSC-E	-1	-1	5	train	6.4695	2.8891	19.3915

1QSC-D	-1	-1	5	validation	6.4695	2.9251	19.3915
1QSC-F	-1	-1	5	train	6.4695	2.9579	19.3915
1EE4-E	-1	-1	5	train	7.9336	3.5503	19.3915
1EE4-C	-1	-1	5	train	7.9336	3.5820	19.3915
1AQD-I	-1	-1	5	train	9.5289	6.9086	19.3915
1AQD-L	-1	-1	5	validation	9.5289	6.9625	19.3915
1AQD-C	-1	-1	5	train	9.5289	7.0636	19.3915
1AQD-F	-1	-1	5	train	9.2613	8.8639	19.3915
1JB6	-1	-1	5	train	14.6611	0.0000	19.3915
1RH4	-1	-1	5	validation	12.2808	10.4342	19.3915
1LGH-K	-1	-1	5	train	13.5807	5.5486	19.3915
1LGH-B	-1	-1	5	validation	13.5807	5.5508	19.3915
1LGH-H	-1	-1	5	validation	13.5807	5.5513	19.3915
1LGH-E	-1	-1	5	train	13.5807	5.5530	19.3915
2PLH	-1	-1	5	validation	13.7448	6.0848	19.3915
1CZQ	-1	-1	5	validation	13.8242	5.8255	19.3915
1AYM-4	-1	-1	5	train	12.1584	13.5146	19.3915
1MOF	-1	-1	5	train	14.3356	4.8739	19.3915
2ERA	-1	-1	5	validation	14.9019	2.4539	19.3915
1QM7	-1	-1	5	validation	14.8432	3.6040	19.3915
1AJJ	-1	-1	5	validation	13.0380	14.4823	19.3915
1G3J-D	-1	-1	5	train	12.7327	16.4286	19.3915
1AB1	-1	-1	5	validation	14.0523	10.9607	19.3915
1YPA	-1	-1	5	train	15.0166	6.8526	19.3915
1HH0	-1	-1	5	validation	13.8242	12.1578	19.3915
1BX8	-1	-1	5	train	14.0523	11.4275	19.3915
1AIE	-1	-1	5	train	12.3992	18.6706	19.3915
1G3J-B	-1	-1	5	train	13.4087	14.4153	19.3915
2WRP	-1	-1	5	validation	16.8042	0.0000	19.3915
2ERL	-1	-1	5	train	13.3195	15.8654	19.3915
1CDT	-1	-1	5	validation	17.2863	0.1377	19.3915
1ROP	-1	-1	5	train	14.5344	13.0289	19.3915
3OVO	-1	-1	5	train	14.5344	13.1880	19.3915
1NKD	-1	-1	5	train	14.7229	12.4164	19.3915
1IFG	-1	-1	5	validation	17.8429	0.0000	19.3915
1A7W	-1	-1	5	train	15.2355	11.2647	19.3915
3SSI	-1	-1	5	train	16.9059	4.2364	19.3915
1FW4	-1	-1	5	train	15.1277	13.5181	19.3915
1DFN	-1	-1	5	train	14.7835	15.7293	19.3915
4OVO	-1	-1	5	train	14.5344	18.1643	19.3915
1MOL	-1	-1	5	train	18.9073	0.0000	19.3915
1K33	-1	-1	5	train	14.9019	17.2011	19.3915
1CQ4	-1	-1	5	train	14.7835	18.5275	19.3915
1HZ5	-1	-1	5	validation	17.9446	5.3995	19.3915
1PGB	-1	-1	5	train	14.5344	20.1024	19.3915
7AME	-1	-1	5	train	15.1277	17.5978	19.3915

1T6F	-1	-1	5	validation	15.5408	15.8363	19.3915
2TN4	-1	-1	5	train	18.2104	4.8885	19.3915
1QAW-J	-1	-1	5	validation	15.1820	18.0998	19.3915
1QAW-G	-1	-1	5	train	15.1820	18.2096	19.3915
1QAW-F	-1	-1	5	validation	15.2355	18.0275	19.3915
1QAW-H	-1	-1	5	train	15.2355	18.1229	19.3915
1LGH-D	-1	-1	5	train	14.5344	21.1281	19.3915
1LGH-A	-1	-1	5	train	14.5344	21.1297	19.3915
1LGH-G	-1	-1	5	train	14.5344	21.1324	19.3915
1LGH-J	-1	-1	5	train	14.5344	21.1338	19.3915
4LVE	-1	-1	5	train	19.5880	0.0000	19.3915
1QAW-I	-1	-1	5	train	15.1820	19.4004	19.3915
2IGD	-1	-1	5	train	14.8432	21.4623	19.3915
1QAW-A	-1	-1	5	train	15.1820	20.1736	19.3915
1LAF	-1	-1	5	train	19.7740	0.7741	19.3915
7RXN	-1	-1	5	train	14.2669	24.5697	19.3915
1CDM	-1	-1	5	train	18.1160	8.4765	19.3915
1C94	-1	-1	5	train	15.5408	19.8977	19.3915
1EGI	-1	-1	5	train	20.2410	0.0000	19.3915
1NCX	-1	-1	5	train	18.3699	8.0227	19.3915
1QE6	-1	-1	5	train	20.3198	0.0000	19.3915
2GAL	-1	-1	5	train	20.1469	0.8335	19.3915
5PTI	-1	-1	5	train	14.6611	24.4502	19.3915
2TMY	-1	-1	5	train	17.2256	13.6998	19.3915
7PTI	-1	-1	5	train	14.6611	24.6979	19.3915
451C	-1	-1	5	train	15.9114	20.0052	19.3915
3CLN	-1	-1	5	train	17.9195	11.7017	19.3915
1HOE	-1	-1	5	validation	15.5408	22.4822	19.3915
1B1U	-1	-1	5	train	17.1949	15.4668	19.3915
2TGI	-1	-1	5	validation	17.0372	16.5885	19.3915
1B7V	-1	-1	5	validation	15.3914	24.6835	19.3915
1GZI	-1	-1	5	train	15.0726	26.0533	19.3915
1CFW	-1	-1	5	validation	15.4419	24.5508	19.3915
1QSU	-1	-1	5	train	14.9019	27.3904	19.3915
1QAW-K	-1	-1	5	train	15.2355	26.0362	19.3915
1AS4	-1	-1	5	validation	21.3423	0.0000	19.3915
1QAW-B	-1	-1	5	validation	15.3401	25.7550	19.3915
1OPC	-1	-1	5	train	16.5917	20.5161	19.3915
1B7D	-1	-1	5	train	14.8432	28.0598	19.3915
1CC7	-1	-1	5	train	15.4419	25.5564	19.3915
1PTX	-1	-1	5	train	15.1277	26.9535	19.3915
1WHO	-1	-1	5	train	16.4046	21.8424	19.3915
1E9M	-1	-1	5	train	16.8384	20.3896	19.3915
1EHH	-1	-1	5	validation	18.6692	12.6800	19.3915
1AIL	-1	-1	5	train	15.3401	27.3761	19.3915
1ET6	-1	-1	5	validation	21.6515	0.7554	19.3915

1IRN	-1	-1	5	train	14.3356	32.0334	19.3915
1AY1	-1	-1	5	train	21.8354	0.0000	19.3915
1A92	-1	-1	5	train	19.1127	11.6764	19.3915
1CSP	-1	-1	5	train	15.1820	28.5667	19.3915
1QAW-E	-1	-1	5	train	15.2882	28.1277	19.3915
2VPF-G	-1	-1	5	train	16.4428	23.2811	19.3915
1E0B	-1	-1	5	train	17.2863	19.8235	19.3915
1QAW-D	-1	-1	5	train	15.2882	28.5628	19.3915
1B67	-1	-1	5	train	17.6577	18.6298	19.3915
2FB4	-1	-1	5	train	22.0185	0.0000	19.3915
1QAW-C	-1	-1	5	train	15.2882	28.9217	19.3915
1ZFP	-1	-1	5	train	16.6995	23.0386	19.3915
2HMQ	-1	-1	5	validation	22.1066	0.0000	19.3915
1FNA	-1	-1	5	train	16.2875	25.0038	19.3915
1VFY	-1	-1	5	train	15.1820	29.7514	19.3915
2VPF-D	-1	-1	5	train	16.4428	24.3852	19.3915
2VPF-H	-1	-1	5	train	16.4046	24.6461	19.3915
2FDN	-1	-1	5	train	14.9019	31.3491	19.3915
1C5E-C	-1	-1	5	train	16.4428	24.9841	19.3915
2VPF-C	-1	-1	5	train	16.3660	25.3855	19.3915
1CYO	-1	-1	5	validation	16.1664	26.2489	19.3915
1QKX	-1	-1	5	train	14.6611	32.7642	19.3915
1CI4	-1	-1	5	train	18.6279	15.8645	19.3915
1C5E-A	-1	-1	5	train	16.4428	25.2572	19.3915
1ORC	-1	-1	5	validation	15.0166	31.6499	19.3915
1XXA	-1	-1	5	validation	21.9364	3.0290	19.3915
1C5E-B	-1	-1	5	train	16.4428	26.5357	19.3915
1FXD	-1	-1	5	train	14.6611	34.2839	19.3915
1A8O	-1	-1	5	train	15.1277	32.4322	19.3915
1GK6	-1	-1	5	validation	16.8723	25.1019	19.3915
1H75	-1	-1	5	validation	15.6843	31.1506	19.3915
1COT	-1	-1	5	train	17.3163	24.5565	19.3915
1HQ3-G	-1	-1	5	train	16.5551	27.8338	19.3915
2VPF-B	-1	-1	5	validation	16.4806	28.6357	19.3915
1B9W	-1	-1	5	validation	16.2875	29.5007	19.3915
1BTN	-1	-1	5	train	16.8384	27.2257	19.3915
1NTN	-1	-1	5	train	15.4419	33.3865	19.3915
2VPF-A	-1	-1	5	train	16.5180	28.9142	19.3915
1AOX	-1	-1	5	train	21.6515	7.3377	19.3915
1HQ3-D	-1	-1	5	validation	15.9552	31.9740	19.3915
2FD2	-1	-1	5	train	16.8384	28.2932	19.3915
9WGA	-1	-1	5	validation	21.2128	9.6459	19.3915
1J73	-1	-1	5	train	16.6280	29.3623	19.3915
1MYK	-1	-1	5	train	16.3269	30.7037	19.3915
1CPC-K	-1	-1	5	train	18.3699	22.0416	19.3915
1HQ3-H	-1	-1	5	validation	15.9985	32.2369	19.3915

1CPC-A	-1	-1	5	train	18.3699	22.4686	19.3915
1JD1-B	-1	-1	5	train	17.4337	26.8987	19.3915
1C5K	-1	-1	5	validation	21.6063	9.2150	19.3915
1R69	-1	-1	5	train	14.9597	38.1613	19.3915
1DDV	-1	-1	5	train	16.9721	29.8250	19.3915
1HQ3-C	-1	-1	5	train	16.4428	32.1752	19.3915
2VPF-F	-1	-1	5	validation	16.4806	32.0962	19.3915
1F0M	-1	-1	5	train	15.3914	36.8332	19.3915
1DK8	-1	-1	5	validation	18.0191	25.6048	19.3915
1BKB	-1	-1	5	train	17.6305	27.4493	19.3915
7PAZ	-1	-1	5	validation	17.3755	28.7837	19.3915
2VPF-E	-1	-1	5	train	16.4806	32.9806	19.3915
1QAD	-1	-1	5	train	16.7696	31.7609	19.3915
1YTT	-1	-1	5	validation	19.6197	19.5905	19.3915
1QG7	-1	-1	5	train	17.5193	29.0192	19.3915
1LOU	-1	-1	5	train	16.5180	33.3043	19.3915
1G33	-1	-1	5	train	15.5893	37.3634	19.3915
1QVC-D	-1	-1	5	train	17.8429	27.9488	19.3915
1HXI	-1	-1	5	train	16.9059	31.9556	19.3915
1INR	-1	-1	5	train	17.6305	28.9612	19.3915
1B9N	-1	-1	5	train	22.4608	8.7282	19.3915
1AYI	-1	-1	5	train	16.0834	36.3852	19.3915
1ZOP	-1	-1	5	train	21.3128	14.1851	19.3915
1BMG	-1	-1	5	train	16.5551	34.5208	19.3915
3CYR	-1	-1	5	validation	16.8723	33.8751	19.3915
1A0K	-1	-1	5	validation	17.5753	31.0410	19.3915
1JD1-E	-1	-1	5	train	17.3755	32.0839	19.3915
1HQ3-E	-1	-1	5	train	16.7696	34.8098	19.3915
1MHO	-1	-1	5	train	16.1664	37.5752	19.3915
1HQ3-A	-1	-1	5	train	16.8384	35.1882	19.3915
1MZM	-1	-1	5	train	16.3660	37.2291	19.3915
1JF0	-1	-1	5	train	18.9834	26.0657	19.3915
1C6O	-1	-1	5	train	18.7100	27.5554	19.3915
1B0Y	-1	-1	5	train	16.0412	39.0344	19.3915
1KIV	-1	-1	5	train	15.7309	40.4866	19.3915
1JD1-D	-1	-1	5	validation	17.4047	33.7210	19.3915
1H4Y	-1	-1	5	train	19.6354	24.4457	19.3915
2IZA	-1	-1	5	train	17.3163	34.3851	19.3915
1G43	-1	-1	5	train	18.3251	30.3559	19.3915
1CPC-B	-1	-1	5	validation	18.5862	29.2777	19.3915
1A1X	-1	-1	5	train	16.8384	36.9846	19.3915
1BXT	-1	-1	5	train	22.0266	14.8280	19.3915
1CPC-L	-1	-1	5	train	18.5862	29.6120	19.3915
1FLM	-1	-1	5	train	19.8488	24.2240	19.3915
1QJA	-1	-1	5	train	22.1066	14.6311	19.3915
1NFO	-1	-1	5	train	17.6030	33.9951	19.3915

1EKG	-1	-1	5	train	17.2561	35.7340	19.3915
1FHG	-1	-1	5	train	16.7696	38.2103	19.3915
1FD3	-1	-1	5	train	18.4362	31.1258	19.3915
1FD3	-1	-1	5	validation	18.4362	31.1258	19.3915
1A62	-1	-1	5	validation	17.3460	35.8957	19.3915
1QJP	-1	-1	5	train	17.7647	34.3899	19.3915
1QJP	-1	-1	5	train	17.7647	34.3899	19.3915
1JW8	-1	-1	5	train	18.1870	32.7457	19.3915
1HH5	-1	-1	5	train	15.3914	44.9533	19.3915
1NPS	-1	-1	5	train	16.1664	41.8228	19.3915
2LIS	-1	-1	5	validation	17.6030	35.9191	19.3915
2LIS	-1	-1	5	train	17.6030	35.9191	19.3915
1FAO	-1	-1	5	train	16.6280	40.1387	19.3915
1SKZ	-1	-1	5	train	16.7696	39.5596	19.3915
1	-1	-1	5	validation	20.5585	23.4379	19.3915
1	-1	-1	5	train	20.5585	23.4379	19.3915
2HIP	-1	-1	5	train	17.8941	34.9581	19.3915
3VUB	-1	-1	5	validation	16.6639	40.3856	19.3915
1AYF	-1	-1	5	validation	19.3751	28.8034	19.3915
1IUZ	-1	-1	5	train	16.5551	41.1883	19.3915
1H9G	-1	-1	5	train	19.5238	28.5835	19.3915
1QTP	-1	-1	5	train	19.8339	27.5428	19.3915
1NDD	-1	-1	5	validation	20.5463	24.6001	19.3915
1A7G	-1	-1	5	train	15.9114	44.5658	19.3915
4ICB	-1	-1	5	validation	15.7769	45.7622	19.3915
1C1L	-1	-1	5	train	17.7116	38.1586	19.3915
1CNO-D	-1	-1	5	train	16.0834	45.1869	19.3915
7PCY	-1	-1	5	train	16.6995	42.6870	19.3915
1LE4	-1	-1	5	validation	17.8170	37.9211	19.3915
1QJ9	-1	-1	5	validation	18.0436	37.0566	19.3915
1G9O	-1	-1	5	train	16.2875	44.5772	19.3915
1MRG	-1	-1	5	validation	19.8782	29.2774	19.3915
1QVC-B	-1	-1	5	train	17.9446	37.8569	19.3915
1A45	-1	-1	5	train	18.6071	35.3896	19.3915
1CNO-E	-1	-1	5	train	16.0834	46.2601	19.3915
1AQE	-1	-1	5	train	16.9721	42.8384	19.3915
1CNO-C	-1	-1	5	validation	16.0834	46.6823	19.3915
1CNO-G	-1	-1	5	validation	16.1252	46.6179	19.3915
1CNO-B	-1	-1	5	train	16.0834	46.9107	19.3915
1JLY-B	-1	-1	5	train	20.5827	28.0163	19.3915
1JLY-B	-1	-1	5	train	20.5827	28.0163	19.3915
1CNO-A	-1	-1	5	train	16.0834	47.2530	19.3915
1CNO-F	-1	-1	5	train	16.0834	47.4348	19.3915
1IOP	-1	-1	5	train	18.1635	38.5607	19.3915
1JLY-A	-1	-1	5	validation	20.5827	28.3143	19.3915
1JLY-A	-1	-1	5	train	20.5827	28.3143	19.3915

1CNO-H	-1	-1	5	train	16.0834	47.5798	19.3915
1KDJ	-1	-1	5	train	16.6995	45.0980	19.3915
1NT3	-1	-1	5	validation	16.9059	44.6253	19.3915
1J7A	-1	-1	5	train	16.5551	46.5956	19.3915
1QTO	-1	-1	5	validation	17.3460	43.2450	19.3915
1K0K	-1	-1	5	validation	17.4337	42.9049	19.3915
1HQ3-B	-1	-1	5	train	16.3269	47.7819	19.3915
3PSR	-1	-1	5	train	18.9834	36.4610	19.3915
1ED1	-1	-1	5	train	17.1011	44.6045	19.3915
1YHB	-1	-1	5	train	16.1252	48.9385	19.3915
1H9K	-1	-1	5	train	17.9446	41.2120	19.3915
1QGH-J	-1	-1	5	validation	18.0920	40.6561	19.3915
1IC0-C	-1	-1	5	train	17.0048	45.3290	19.3915
1HZG	-1	-1	5	train	20.5341	30.4693	19.3915
1I6A	-1	-1	5	train	19.3412	35.7456	19.3915
1QGH-E	-1	-1	5	train	18.0920	41.1932	19.3915
2IMN	-1	-1	5	train	17.0693	45.6185	19.3915
1EKS	-1	-1	5	validation	17.8429	42.3192	19.3915
4PAL	-1	-1	5	validation	16.8723	46.5220	19.3915
1LIN	-1	-1	5	train	17.9944	41.8304	19.3915
2TDX	-1	-1	5	train	17.8170	42.6263	19.3915
1QGH-F	-1	-1	5	validation	18.0920	41.5185	19.3915
1QGH-A	-1	-1	5	train	18.0920	41.5859	19.3915
1QVC-C	-1	-1	5	validation	17.9446	42.2273	19.3915
1QGH-G	-1	-1	5	train	18.0920	41.8223	19.3915
1IC0-F	-1	-1	5	validation	16.9721	46.8539	19.3915
1IC0-D	-1	-1	5	train	17.0048	46.8166	19.3915
1HTJ	-1	-1	5	train	18.7100	39.5540	19.3915
1QGH-C	-1	-1	5	train	18.0920	42.2252	19.3915
1IC0-B	-1	-1	5	validation	17.0048	47.0307	19.3915
1G7C	-1	-1	5	train	22.6496	23.0122	19.3915
1IC0-E	-1	-1	5	train	17.0048	47.2900	19.3915
1IC0-A	-1	-1	5	train	16.9721	47.4423	19.3915
1QVC-A	-1	-1	5	train	17.9696	43.2002	19.3915
1B88	-1	-1	5	train	19.6039	36.2425	19.3915
1FVU-B	-1	-1	5	train	17.3163	46.9833	19.3915
1I07	-1	-1	5	train	17.2256	47.4183	19.3915
1NFT	-1	-1	5	validation	20.9280	31.6970	19.3915
1NFT	-1	-1	5	train	20.9280	31.6970	19.3915
1QGH-B	-1	-1	5	validation	18.0920	43.9503	19.3915
3EIP	-1	-1	5	train	18.5012	42.2618	19.3915
2IMM	-1	-1	5	train	17.1011	48.3222	19.3915
2FGF	-1	-1	5	train	17.4625	46.8260	19.3915
1BD8	-1	-1	5	train	18.2336	43.5714	19.3915
1QDE	-1	-1	5	train	19.1488	39.7816	19.3915
1BFT	-1	-1	5	train	19.1667	39.7598	19.3915

1JD1-A	-1	-1	5	train	17.4625	47.2198	19.3915
1HDF	-1	-1	5	validation	19.0945	40.2775	19.3915
1JD1-F	-1	-1	5	train	17.4337	47.3998	19.3915
3PRN	-1	-1	5	train	20.4599	34.4934	19.3915
2YGS	-1	-1	5	train	16.3269	52.2788	19.3915
1QGH-D	-1	-1	5	train	18.0920	44.8819	19.3915
1NAT	-1	-1	5	validation	17.2561	48.5973	19.3915
1AWP	-1	-1	5	train	18.5862	42.9767	19.3915
1G5I-B	-1	-1	5	train	21.6063	30.0813	19.3915
1OR3	-1	-1	5	train	17.7382	46.6303	19.3915
1HQ3-F	-1	-1	5	train	16.3660	52.5085	19.3915
1JAF	-1	-1	5	train	20.0221	36.9337	19.3915
1FL1	-1	-1	5	train	21.6245	30.1311	19.3915
1FVU-A	-1	-1	5	train	17.6577	47.0963	19.3915
1000000	-1	-1	5	train	17.5753	47.6285	19.3915
1QGH-H	-1	-1	5	train	18.0920	45.9069	19.3915
1BAS	-1	-1	5	train	17.4337	48.8841	19.3915
1B3A	-1	-1	5	train	17.6847	47.8470	19.3915
1LVE	-1	-1	5	train	17.1011	50.4640	19.3915
1JMW	-1	-1	5	train	17.9944	46.7112	19.3915
1J8Q	-1	-1	5	train	18.0191	46.6743	19.3915
3FIS	-1	-1	5	train	17.9944	46.8102	19.3915
1I92	-1	-1	5	train	16.4428	53.8307	19.3915
3LBD	-1	-1	5	train	19.7437	39.8440	19.3915
1DQO	-1	-1	5	train	17.6847	48.6959	19.3915
1AUN	-1	-1	5	train	19.2724	42.0113	19.3915
1JDO	-1	-1	5	train	18.1870	46.9316	19.3915
1F2X	-1	-1	5	train	19.9652	39.3489	19.3915
2FAL	-1	-1	5	train	17.9944	47.7745	19.3915
2TIR	-1	-1	5	train	16.9059	52.5060	19.3915
1JD1-C	-1	-1	5	train	17.4625	50.7404	19.3915
1ALU	-1	-1	5	train	18.2567	47.4388	19.3915
1IRD-B	-1	-1	5	validation	17.9944	48.6398	19.3915
1UP1	-1	-1	5	train	18.5440	46.5762	19.3915
1FVU-D	-1	-1	5	train	17.3163	51.9934	19.3915
1JAH	-1	-1	5	train	18.4580	47.1666	19.3915
1QGH-L	-1	-1	5	train	18.0920	49.0182	19.3915
1JOT	-1	-1	5	train	18.0679	49.1248	19.3915
1QLP	-1	-1	5	train	21.3715	35.0844	19.3915
2FIT	-1	-1	5	train	17.5193	51.5551	19.3915
1A0S-P	-1	-1	5	train	21.7490	33.5275	19.3915
1BFE	-1	-1	5	validation	16.9721	54.1623	19.3915
1JB3	-1	-1	5	validation	17.4910	51.9446	19.3915
2FHA	-1	-1	5	validation	18.5862	47.2944	19.3915
1BMB	-1	-1	5	train	16.8384	54.7769	19.3915
3SEM	-1	-1	5	train	17.4910	52.1210	19.3915

1QGH-I	-1	-1	5	train	18.0920	49.6176	19.3915
2A2U-C	-1	-1	5	train	18.2796	48.8673	19.3915
2A2U-B	-1	-1	5	train	18.2796	48.8732	19.3915
2A2U-A	-1	-1	5	validation	18.2796	48.8762	19.3915
2A2U-D	-1	-1	5	train	18.2796	48.8792	19.3915
1MSC	-1	-1	5	train	17.5474	52.0903	19.3915
1QGH-K	-1	-1	5	train	18.0920	49.8827	19.3915
1AHQ	-1	-1	5	train	17.6577	51.8765	19.3915
1FVU-C	-1	-1	5	validation	17.6577	51.9919	19.3915
1IO3	-1	-1	5	train	16.8723	55.4260	19.3915
1A0S-Q	-1	-1	5	train	21.7490	35.3170	19.3915
1AVU	-1	-1	5	validation	18.5862	49.2414	19.3915
2LIG	-1	-1	5	train	20.7710	39.9279	19.3915
1A0S-R	-1	-1	5	train	21.7490	36.4008	19.3915
1KMB	-1	-1	5	train	22.0347	35.2360	19.3915
1FSO	-1	-1	5	train	17.7910	53.3811	19.3915
3CAR	-1	-1	5	train	16.6995	58.5074	19.3915
1DTJ	-1	-1	5	validation	20.1605	44.5046	19.3915
1IKE	-1	-1	5	train	18.8687	50.3118	19.3915
1BXM	-1	-1	5	train	16.5917	60.1147	19.3915
4MON	-1	-1	5	train	18.9073	50.2398	19.3915
1G4R	-1	-1	5	train	21.1822	40.5639	19.3915
1B09-D	-1	-1	5	train	19.2375	48.9256	19.3915
1EWF	-1	-1	5	train	22.2464	36.0835	19.3915
2BNH	-1	-1	5	train	22.1066	36.9697	19.3915
1DOK	-1	-1	5	train	18.0679	54.2364	19.3915
1B09-C	-1	-1	5	validation	19.2375	49.3584	19.3915
1CT5	-1	-1	5	train	19.5560	48.0811	19.3915
3RHN	-1	-1	5	validation	17.1326	58.4951	19.3915
1B09-B	-1	-1	5	train	19.2375	49.6552	19.3915
1B71	-1	-1	5	train	18.9645	50.8999	19.3915
1B0O	-1	-1	5	validation	18.3476	53.5768	19.3915
1LFO	-1	-1	5	train	17.4625	57.9181	19.3915
1B09-A	-1	-1	5	train	19.2375	50.4850	19.3915
1B09-E	-1	-1	5	train	19.2375	50.6507	19.3915
1MJK	-1	-1	5	validation	19.2724	50.5705	19.3915
1I7E	-1	-1	5	train	19.7437	48.7168	19.3915
3PYP	-1	-1	5	train	17.7647	57.1965	19.3915
1E4J	-1	-1	5	train	18.5651	53.7923	19.3915
1DV8	-1	-1	5	train	17.5193	58.3422	19.3915
1A8A	-1	-1	5	validation	20.8052	44.6093	19.3915
1ILS-A	-1	-1	5	train	17.5193	58.8244	19.3915
1AR0	-1	-1	5	train	19.8782	48.8106	19.3915
1JLM	-1	-1	5	train	18.8881	53.1017	19.3915
1XCA	-1	-1	5	train	20.2675	47.3912	19.3915
1ILS-D	-1	-1	5	train	17.5193	59.1474	19.3915

1ILS-B	-1	-1	5	train	17.5193	59.3935	19.3915
1IE8	-1	-1	5	train	19.9365	49.1602	19.3915
1KLO	-1	-1	5	validation	18.3699	55.9718	19.3915
1MUP	-1	-1	5	validation	18.2567	56.9979	19.3915
2OMF	-1	-1	5	train	21.0467	45.1221	19.3915
2OMF	-1	-1	5	train	21.0467	45.1221	19.3915
1F2L	-1	-1	5	train	20.1058	49.3520	19.3915
1BOY	-1	-1	5	validation	19.3241	52.8455	19.3915
1HUS	-1	-1	5	train	17.6577	60.0748	19.3915
1AQD-G	-1	-1	5	train	18.6896	55.7872	19.3915
1IIT	-1	-1	5	train	19.4913	52.4755	19.3915
1ILS-C	-1	-1	5	validation	17.5193	61.4649	19.3915
2FCR	-1	-1	5	validation	18.6071	57.0375	19.3915
1D00-G	-1	-1	5	train	18.5012	57.6427	19.3915
1RCB	-1	-1	5	train	17.5474	61.7818	19.3915
1G62	-1	-1	5	validation	19.5400	53.2947	19.3915
1LIT	-1	-1	5	validation	17.6030	61.5800	19.3915
1D00-A	-1	-1	5	train	18.5012	57.8838	19.3915
1D00-C	-1	-1	5	train	18.5012	57.9584	19.3915
1ATG	-1	-1	5	train	19.6511	53.1020	19.3915
1D00-E	-1	-1	5	train	18.5012	58.0366	19.3915
1D00-B	-1	-1	5	train	18.5012	58.1425	19.3915
1CXA	-1	-1	5	train	17.4047	62.9940	19.3915
1D00-D	-1	-1	5	validation	18.5012	58.4431	19.3915
1D00-F	-1	-1	5	train	18.5012	58.5425	19.3915
1AQD-J	-1	-1	5	train	18.6896	57.8064	19.3915
1CDH	-1	-1	5	train	18.7100	58.1749	19.3915
1SWG	-1	-1	5	train	22.1616	43.4318	19.3915
1G5Y-D	-1	-1	5	train	19.6197	54.4223	19.3915
1QDN-B	-1	-1	5	validation	18.9265	57.5115	19.3915
1A3Z	-1	-1	5	validation	18.0920	61.5344	19.3915
1SFP	-1	-1	5	train	17.0048	66.4417	19.3915
1CS3	-1	-1	5	validation	17.1639	65.8627	19.3915
1QDN-C	-1	-1	5	train	18.9456	58.3025	19.3915
1D00-H	-1	-1	5	validation	18.5012	60.2927	19.3915
1GE8	-1	-1	5	train	19.7589	55.2585	19.3915
1A64	-1	-1	5	train	18.9073	58.9644	19.3915
1J8S	-1	-1	5	validation	19.0021	59.1107	19.3915
1MSA	-1	-1	5	train	21.9447	46.6481	19.3915
1G5Y-B	-1	-1	5	train	19.6197	56.8408	19.3915
2INT	-1	-1	5	validation	17.5474	65.8947	19.3915
2LIV	-1	-1	5	train	21.0889	50.7992	19.3915
1KOE	-1	-1	5	train	18.5862	61.8366	19.3915
1QDN-A	-1	-1	5	train	18.9265	60.4297	19.3915
1FCY	-1	-1	5	train	19.7437	57.3824	19.3915
1ET9	-1	-1	5	train	19.0393	60.5115	19.3915

2UGI	-1	-1	5	train	18.4580	63.5268	19.3915
1BTG	-1	-1	5	train	20.8949	53.3488	19.3915
1AQD-D	-1	-1	5	validation	18.6896	62.8055	19.3915
1QFV	-1	-1	5	train	21.0889	53.2972	19.3915
1A2B	-1	-1	5	train	18.7100	63.7392	19.3915
1F5M	-1	-1	5	train	21.1822	53.5236	19.3915
1G1C	-1	-1	5	validation	19.0578	62.7612	19.3915
1E+29	-1	-1	5	train	17.7116	68.7528	19.3915
1AAZ	-1	-1	5	train	18.6279	65.2033	19.3915
1E+87	-1	-1	5	train	17.3163	70.8573	19.3915
1BA2	-1	-1	5	train	22.7305	48.2382	19.3915
1BYF	-1	-1	5	train	19.8782	60.4426	19.3915
1LEN	-1	-1	5	train	22.1066	51.3027	19.3915
1FHW	-1	-1	5	validation	19.9075	61.0740	19.3915
1FYH-B	-1	-1	5	train	19.1488	64.5682	19.3915
1AQD-E	-1	-1	5	train	18.8881	66.1475	19.3915
3KAR	-1	-1	5	train	20.8615	57.8104	19.3915
1G8I	-1	-1	5	train	21.3325	55.9600	19.3915
1AQD-B	-1	-1	5	train	18.8881	66.7343	19.3915
1A04	-1	-1	5	train	21.7227	54.6869	19.3915
1QHV	-1	-1	5	train	19.0393	66.2520	19.3915
1EG4	-1	-1	5	train	20.2543	61.0808	19.3915
1G5I-D	-1	-1	5	train	21.7665	54.7078	19.3915
1A21	-1	-1	5	train	21.5514	55.7678	19.3915
1B8Z	-1	-1	5	train	17.6847	72.4299	19.3915
1FBQ	-1	-1	5	train	18.7100	68.1829	19.3915
2WBC	-1	-1	5	train	18.8100	67.9517	19.3915
1QSC-C	-1	-1	5	train	18.5862	69.2087	19.3915
1EYH	-1	-1	5	train	17.9446	71.9624	19.3915
1PCZ	-1	-1	5	validation	21.3128	57.9746	19.3915
1JY3	-1	-1	5	train	20.3842	62.0965	19.3915
1IOZ	-1	-1	5	train	18.3699	70.8663	19.3915
1MYT	-1	-1	5	train	17.9944	72.5318	19.3915
2TNF	-1	-1	5	validation	22.0103	55.7054	19.3915
1FYH-E	-1	-1	5	train	19.1488	68.1939	19.3915
1E7Z	-1	-1	5	train	18.6071	70.7816	19.3915
1QSC-A	-1	-1	5	train	18.5862	70.9775	19.3915
1G5I-C	-1	-1	5	train	21.6784	58.0017	19.3915
1QSC-B	-1	-1	5	train	18.5862	71.2335	19.3915
1OVB	-1	-1	5	train	18.3024	72.7561	19.3915
1LKF	-1	-1	5	train	20.4972	63.6443	19.3915
1JOB	-1	-1	5	validation	18.3699	72.7462	19.3915
1I31	-1	-1	5	train	20.1058	65.6137	19.3915
1AQB	-1	-1	5	validation	18.6486	72.5655	19.3915
1BY7	-1	-1	5	validation	21.1924	61.7200	19.3915
2GDM	-1	-1	5	validation	18.1635	75.6600	19.3915

1G5Y-A	-1	-1	5	validation	19.6039	69.8944	19.3915
1AQD-H	-1	-1	5	validation	18.8881	74.0873	19.3915
7ABP	-1	-1	5	train	20.6545	66.8076	19.3915
1BRX	-1	-1	5	train	19.2897	72.8080	19.3915
1AQD-A	-1	-1	5	train	18.7302	75.7259	19.3915
2UTG	-1	-1	5	train	17.8429	79.8987	19.3915
1JLJ-C	-1	-1	5	train	18.5651	77.1997	19.3915
1JBC	-1	-1	5	train	19.7437	72.1650	19.3915
1IRD-A	-1	-1	5	train	17.8686	80.4600	19.3915
3GBP	-1	-1	5	validation	20.6545	68.6045	19.3915
2TSS-C	-1	-1	5	validation	19.0208	75.7781	19.3915
2TSS-B	-1	-1	5	train	19.0208	76.0159	19.3915
1FH2	-1	-1	5	train	19.6667	73.9559	19.3915
1NCH	-1	-1	5	train	19.0945	76.5773	19.3915
1AYM-3	-1	-1	5	validation	19.7740	73.9524	19.3915
2PSP	-1	-1	5	train	19.3069	76.0365	19.3915
1NG1	-1	-1	5	train	20.5218	71.0372	19.3915
1NG1	-1	-1	5	train	20.5218	71.0372	19.3915
2TSS-A	-1	-1	5	train	19.0208	77.9404	19.3915
1AQD-K	-1	-1	5	train	18.9073	78.8605	19.3915
1JLJ-A	-1	-1	5	train	18.5651	80.5601	19.3915
1RPJ	-1	-1	5	train	20.4474	72.5881	19.3915
1HJP	-1	-1	5	train	18.8687	79.3922	19.3915
1CFM-B	-1	-1	5	train	19.9509	75.9565	19.3915
1HG4-A	-1	-1	5	train	19.7891	76.7809	19.3915
1C48	-1	-1	5	train	21.1822	70.8932	19.3915
1I4U-B	-1	-1	5	train	18.7503	81.5158	19.3915
1IC2	-1	-1	5	train	20.7364	73.1165	19.3915
1IC2	-1	-1	5	train	20.7364	73.1165	19.3915
1AUE	-1	-1	5	train	18.8687	81.4175	19.3915
1HG4-D	-1	-1	5	train	19.7589	77.9275	19.3915
1G5Y-C	-1	-1	5	train	19.5721	78.7457	19.3915
1I4U-A	-1	-1	5	validation	18.7703	82.3131	19.3915
1WU3	-1	-1	5	train	18.3476	84.3444	19.3915
1FTJ-A	-1	-1	5	train	20.0502	77.2637	19.3915
1CFM-C	-1	-1	5	train	19.9509	77.9250	19.3915
1NSF	-1	-1	5	train	19.8929	78.2318	19.3915
1JLJ-B	-1	-1	5	validation	18.5862	84.7920	19.3915
1EZG	-1	-1	5	validation	18.4142	85.7169	19.3915
1MH1	-1	-1	5	train	18.8100	84.3777	19.3915
1MRP	-1	-1	5	train	20.7938	75.9339	19.3915
1D7P	-1	-1	5	validation	18.3024	86.6002	19.3915
1AYM-2	-1	-1	5	train	19.9795	79.9676	19.3915
2TCT	-1	-1	5	train	19.0945	83.8737	19.3915
1FTJ-B	-1	-1	5	validation	20.0642	80.0311	19.3915
1AYM-1	-1	-1	5	train	20.5218	78.4151	19.3915

1FTJ-C	-1	-1	5	train	20.0502	80.4966	19.3915
1CFM-A	-1	-1	5	train	19.9509	81.4936	19.3915
1AUV-A	-1	-1	5	train	20.3714	79.7651	19.3915
1AUV-A	-1	-1	5	validation	20.3714	79.7651	19.3915
1F47	-1	-1	5	validation	18.3476	89.0623	19.3915
1HG4-E	-1	-1	5	train	19.7891	83.2539	19.3915
1A1R	-1	-1	5	validation	21.3325	77.0444	19.3915
3POR	-1	-1	5	validation	20.6068	80.2585	19.3915
1QOV-H	-1	-1	5	train	19.7891	84.7742	19.3915
1NCO	-1	-1	5	train	19.5721	85.9401	19.3915
1AUV-B	-1	-1	5	train	20.3842	82.4789	19.3915
1AUV-B	-1	-1	5	train	20.3842	82.4789	19.3915
1PLF	-1	-1	5	train	20.0221	84.8895	19.3915
1QQF	-1	-1	5	train	20.2937	83.8073	19.3915
1CZD-A	-1	-1	5	train	19.6039	86.8537	19.3915
1FT5	-1	-1	5	train	19.3241	88.0555	19.3915
1JJH	-1	-1	5	train	19.6039	87.6519	19.3915
1J6Z	-1	-1	5	validation	21.3325	80.4294	19.3915
1CZD-C	-1	-1	5	train	19.6039	88.2810	19.3915
1F7C	-1	-1	5	validation	18.7902	92.1217	19.3915
2ARC	-1	-1	5	validation	20.9607	82.9769	19.3915
1HH8	-1	-1	5	train	19.0762	91.0734	19.3915
1CZD-B	-1	-1	5	train	19.6039	89.0282	19.3915
1FYH-A	-1	-1	5	validation	19.8190	88.2122	19.3915
1JGJ	-1	-1	5	train	19.4253	89.9981	19.3915
1A44	-1	-1	5	train	18.8493	92.8075	19.3915
1MFF	-1	-1	5	train	21.0679	83.4551	19.3915
1QK8	-1	-1	5	validation	17.9195	97.3480	19.3915
1NK1	-1	-1	5	validation	21.0889	83.8448	19.3915
1NK1	-1	-1	5	train	21.0889	83.8448	19.3915
1G6H	-1	-1	5	train	19.9938	89.2128	19.3915
1BV1	-1	-1	5	validation	18.4362	97.1817	19.3915
1NFP	-1	-1	5	train	19.6039	92.2622	19.3915
1GPC	-1	-1	5	train	19.4419	92.9578	19.3915
1SCE	-1	-1	5	validation	21.7050	83.6552	19.3915
1LT5	-1	-1	5	validation	22.5460	80.1160	19.3915
1ZEI	-1	-1	5	train	20.8052	87.7381	19.3915
1HG4-B	-1	-1	5	train	19.7891	92.8980	19.3915
1HG4-F	-1	-1	5	train	19.7891	94.1321	19.3915
1INN	-1	-1	5	train	20.4848	92.4612	19.3915
1EJ4	-1	-1	5	train	19.0021	98.9476	19.3915
1H8N	-1	-1	5	train	19.4253	98.2066	19.3915
1HQN-B	-1	-1	5	train	21.3029	90.9841	19.3915
1J8Y	-1	-1	5	train	20.4848	94.5450	19.3915
1HQN-C	-1	-1	5	train	21.3226	91.1395	19.3915
1HG4-C	-1	-1	5	validation	19.7589	99.7591	19.3915

1FYH-D	-1	-1	5	train	19.7891	100.0312	19.3915
1HQN-A	-1	-1	5	train	21.2930	96.1086	19.3915
1QOK	-1	-1	5	train	19.5721	104.8720	19.3915
1VPN-D	-1	-1	5	train	20.4096	102.6293	19.3915
1VPN-C	-1	-1	5	train	20.4096	102.7645	19.3915
1FR9	-1	-1	5	validation	18.8493	109.4726	19.3915
1DQZ-A	-1	-1	5	train	20.3457	103.4966	19.3915
1DQZ-A	-1	-1	5	validation	20.3457	103.4966	19.3915
1VPN-A	-1	-1	5	validation	20.4096	103.4531	19.3915
1VPN-E	-1	-1	5	validation	20.4096	105.0940	19.3915
1ILR	-1	-1	5	train	20.4599	105.0792	19.3915
1VPN-B	-1	-1	5	train	20.4599	105.2744	19.3915
1DZI	-1	-1	5	validation	19.6354	110.6336	19.3915
2TRH	-1	-1	5	train	19.9938	109.3781	19.3915
1D5W	-1	-1	5	train	21.2930	105.0052	19.3915
1VIN	-1	-1	5	train	19.9652	111.4190	19.3915
1DQZ-B	-1	-1	5	train	20.3457	110.1998	19.3915
1DQZ-B	-1	-1	5	train	20.3457	110.1998	19.3915
1BHD	-1	-1	5	train	19.4086	115.1091	19.3915
1QKM	-1	-1	5	train	19.6667	114.2460	19.3915
2TEP-D	-1	-1	5	train	19.6667	114.2824	19.3915
2FIB	-1	-1	5	train	19.9938	112.9152	19.3915
1PHN	-1	-1	5	train	20.9716	108.9448	19.3915
2TEP-A	-1	-1	5	validation	19.6667	114.6921	19.3915
1G5I-A	-1	-1	5	validation	21.6784	106.4759	19.3915
1PSZ	-1	-1	5	validation	20.4222	112.0860	19.3915
1F56	-1	-1	5	train	20.2543	113.1398	19.3915
2HEX	-1	-1	5	train	20.3585	113.4505	19.3915
1EAJ	-1	-1	5	train	19.8488	115.7866	19.3915
2TEP-C	-1	-1	5	train	19.6667	117.6042	19.3915
2TEP-B	-1	-1	5	train	19.6667	120.0353	19.3915
1QME	-1	-1	5	train	40.6651	31.7404	19.3915
1HFA	-1	-1	5	train	20.1195	120.4423	19.3915
1A99-A	-1	-1	5	train	21.0573	117.8742	19.3915
1A99-D	-1	-1	5	train	21.0573	118.3931	19.3915
1AXI	-1	-1	5	train	21.3128	117.3417	19.3915
1A99-B	-1	-1	5	validation	21.0573	118.4350	19.3915
1QQ1	-1	-1	5	train	22.7371	111.6785	19.3915
1A99-C	-1	-1	5	train	21.0573	119.0741	19.3915
1DVN	-1	-1	5	train	21.4388	119.2981	19.3915
1EPB	-1	-1	5	train	20.8727	121.9204	19.3915
1BGE	-1	-1	5	train	20.8052	123.2920	19.3915
1QOV-M	-1	-1	5	train	20.6188	124.4664	19.3915
1MPC	-1	-1	5	train	21.3520	121.4511	19.3915
1I81	-1	-1	5	validation	22.5178	116.5941	19.3915
1AS0	-1	-1	5	train	20.7480	124.1961	19.3915

1QDV	-1	-1	5	train	21.5972	121.7280	19.3915
1QOV-L	-1	-1	5	validation	20.3714	126.9928	19.3915
1JVX	-1	-1	5	train	21.3618	123.7205	19.3915
1IB2	-1	-1	5	train	20.8503	125.9470	19.3915
1EI7	-1	-1	5	train	20.7824	126.3537	19.3915
1JCF	-1	-1	5	train	21.0040	127.6371	19.3915
1JCF	-1	-1	5	validation	21.0040	127.6371	19.3915
1HQO	-1	-1	5	validation	21.9612	128.0649	19.3915
3SEB	-1	-1	5	train	19.7589	138.5715	19.3915
1ERN	-1	-1	5	train	21.7751	130.2432	19.3915
2CBL	-1	-1	5	train	20.7480	134.6412	19.3915
1JL5	-1	-1	5	train	21.1822	133.6298	19.3915
2CAV	-1	-1	5	train	21.1099	134.0066	19.3915
1EA3	-1	-1	5	validation	20.7595	136.0072	19.3915
1CAG	-1	-1	5	train	22.8805	127.6891	19.3915
1ION	-1	-1	5	validation	19.6977	142.0634	19.3915
1A4X	-1	-1	5	train	20.9824	136.6978	19.3915
1YFP	-1	-1	5	train	22.0427	132.4327	19.3915
1EE4-B	-1	-1	5	validation	21.8354	134.9185	19.3915
1BH2	-1	-1	5	validation	20.7710	139.8983	19.3915
1BH2	-1	-1	5	train	20.7710	139.8983	19.3915
1AOH	-1	-1	5	train	20.4724	141.3052	19.3915
1EE4-A	-1	-1	5	train	21.8354	135.8581	19.3915
1D5T	-1	-1	5	train	38.8297	65.5317	19.3915
1EFT	-1	-1	5	train	21.6784	139.5629	19.3915
1E2U	-1	-1	5	train	40.5289	62.6171	19.3915
1DUW	-1	-1	5	train	20.4599	148.3968	19.3915
1JQF	-1	-1	5	train	20.9280	146.4935	19.3915
1JQF	-1	-1	5	train	20.9280	146.4935	19.3915
1E9L	-1	-1	5	train	21.3715	145.2396	19.3915
1JRR	-1	-1	5	validation	21.3618	145.6159	19.3915
1G6N	-1	-1	5	train	21.6425	145.4005	19.3915
1IXG	-1	-1	5	train	36.6726	82.0550	19.3915
1D2E-D	-1	-1	5	train	21.6063	150.3490	19.3915
2GWX	-1	-1	5	train	22.6632	148.1517	19.3915
1D2E-B	-1	-1	5	train	21.6063	153.3539	19.3915
1D2E-C	-1	-1	5	validation	21.6063	153.5781	19.3915
1RRG	-1	-1	5	train	21.1924	155.8431	19.3915
1IN5	-1	-1	5	train	20.6307	159.5652	19.3915
1IN5	-1	-1	5	train	20.6307	159.5652	19.3915
4BCL	-1	-1	5	train	21.1514	158.3385	19.3915
1OXY	-1	-1	5	train	40.8546	75.9890	19.3915
1D2E-A	-1	-1	5	train	21.6063	159.7173	19.3915
1B63	-1	-1	5	validation	20.9716	162.8403	19.3915
4BJL	-1	-1	5	train	22.0103	160.6180	19.3915
1G3J-A	-1	-1	5	train	22.5947	165.9527	19.3915

1G3J-C	-1	-1	5	validation	21.9695	169.1702	19.3915
1BM3	-1	-1	5	train	21.8947	175.3784	19.3915
1IND	-1	-1	5	validation	21.8439	175.8327	19.3915
1E7C	-1	-1	5	validation	40.9662	100.1949	19.3915
1MDT-A	-1	-1	5	train	22.6016	181.0344	19.3915
1MDT-B	-1	-1	5	validation	22.6016	187.8416	19.3915
1IL1	-1	-1	5	validation	21.9612	210.3052	19.3915
1IKF	-1	-1	5	train	22.0103	213.4927	19.3915
1P30	-1	-1	5	train	44.0422	120.2197	19.3915
1LLA	-1	-1	5	train	41.1892	135.5184	19.3915
3ERD	-1	-1	5	train	22.4966	227.5356	19.3915
1JET-A	-1	-1	5	validation	22.5600	229.0466	19.3915
1EPU	-1	-1	5	train	40.2524	157.3547	19.3915
1F5N	-1	-1	5	train	40.6323	161.7742	19.3915
1DJ8	-1	-1	5	train	22.2464	243.8474	19.3915
1C4P	-1	-1	5	validation	22.7037	249.2573	19.3915
1BM0-B	-1	-1	5	validation	22.9627	267.9537	19.3915
1BM0-A	-1	-1	5	train	22.9627	268.9774	19.3915
1QSA	-1	-1	5	validation	41.4030	200.2891	19.3915
1G7S	-1	-1	5	validation	61.0185	133.3289	19.3915
1JI6	-1	-1	5	validation	40.9482	233.6946	19.3915
1QFG	-1	-1	5	validation	42.3746	259.9404	19.3915
1LVK	-1	-1	5	train	42.7309	280.4646	19.3915
1DOT	-1	-1	5	train	42.1558	323.1097	19.3915
1B0L	-1	-1	5	train	42.2087	349.3717	19.3915
1CAU	-1	-1	5	validation	170.2725	127.6891	19.3915
1JET-B	-1	-1	6	validation	3.9668	0.0000	17.5971
1EE4-F	-1	-1	6	train	5.0055	0.0000	17.5971
1D00-M	-1	-1	6	validation	5.8112	3.2411	17.5971
1D00-N	-1	-1	6	train	5.8112	3.2504	17.5971
1D00-L	-1	-1	6	train	5.8112	3.2521	17.5971
1D00-O	-1	-1	6	train	5.8112	3.2582	17.5971
1D00-K	-1	-1	6	train	5.8112	3.2616	17.5971
1D00-I	-1	-1	6	validation	5.8112	3.2619	17.5971
1D00-J	-1	-1	6	train	5.8112	3.2641	17.5971
1D00-P	-1	-1	6	train	5.8112	3.2760	17.5971
1EE4-D	-1	-1	6	train	5.8112	4.6560	17.5971
1QSC-E	-1	-1	6	validation	6.4695	2.8891	17.5971
1QSC-D	-1	-1	6	train	6.4695	2.9251	17.5971
1QSC-F	-1	-1	6	train	6.4695	2.9579	17.5971
1EE4-E	-1	-1	6	train	7.9336	3.5503	17.5971
1EE4-C	-1	-1	6	validation	7.9336	3.5820	17.5971
1AQD-I	-1	-1	6	validation	9.5289	6.9086	17.5971
1AQD-L	-1	-1	6	train	9.5289	6.9625	17.5971
1AQD-C	-1	-1	6	train	9.5289	7.0636	17.5971
1AQD-F	-1	-1	6	train	9.2613	8.8639	17.5971

1JB6	-1	-1	6	validation	14.6611	0.0000	17.5971
1RH4	-1	-1	6	train	12.2808	10.4342	17.5971
1LGH-K	-1	-1	6	train	13.5807	5.5486	17.5971
1LGH-B	-1	-1	6	train	13.5807	5.5508	17.5971
1LGH-H	-1	-1	6	train	13.5807	5.5513	17.5971
1LGH-E	-1	-1	6	train	13.5807	5.5530	17.5971
2PLH	-1	-1	6	train	13.7448	6.0848	17.5971
1CZQ	-1	-1	6	train	13.8242	5.8255	17.5971
1AYM-4	-1	-1	6	validation	12.1584	13.5146	17.5971
1MOF	-1	-1	6	validation	14.3356	4.8739	17.5971
2ERA	-1	-1	6	train	14.9019	2.4539	17.5971
1QM7	-1	-1	6	train	14.8432	3.6040	17.5971
1AJJ	-1	-1	6	train	13.0380	14.4823	17.5971
1G3J-D	-1	-1	6	validation	12.7327	16.4286	17.5971
1AB1	-1	-1	6	train	14.0523	10.9607	17.5971
1YPA	-1	-1	6	train	15.0166	6.8526	17.5971
1HH0	-1	-1	6	train	13.8242	12.1578	17.5971
1BX8	-1	-1	6	validation	14.0523	11.4275	17.5971
1AIE	-1	-1	6	train	12.3992	18.6706	17.5971
1G3J-B	-1	-1	6	train	13.4087	14.4153	17.5971
2WRP	-1	-1	6	train	16.8042	0.0000	17.5971
2ERL	-1	-1	6	validation	13.3195	15.8654	17.5971
1CDT	-1	-1	6	train	17.2863	0.1377	17.5971
1ROP	-1	-1	6	validation	14.5344	13.0289	17.5971
3OVO	-1	-1	6	train	14.5344	13.1880	17.5971
1NKD	-1	-1	6	validation	14.7229	12.4164	17.5971
1IFG	-1	-1	6	train	17.8429	0.0000	17.5971
1A7W	-1	-1	6	train	15.2355	11.2647	17.5971
3SSI	-1	-1	6	train	16.9059	4.2364	17.5971
1FW4	-1	-1	6	train	15.1277	13.5181	17.5971
1DFN	-1	-1	6	train	14.7835	15.7293	17.5971
4OVO	-1	-1	6	train	14.5344	18.1643	17.5971
1MOL	-1	-1	6	train	18.9073	0.0000	17.5971
1K33	-1	-1	6	validation	14.9019	17.2011	17.5971
1CQ4	-1	-1	6	train	14.7835	18.5275	17.5971
1HZ5	-1	-1	6	train	17.9446	5.3995	17.5971
1PGB	-1	-1	6	validation	14.5344	20.1024	17.5971
7AME	-1	-1	6	train	15.1277	17.5978	17.5971
1T6F	-1	-1	6	train	15.5408	15.8363	17.5971
2TN4	-1	-1	6	train	18.2104	4.8885	17.5971
1QAW-J	-1	-1	6	train	15.1820	18.0998	17.5971
1QAW-G	-1	-1	6	validation	15.1820	18.2096	17.5971
1QAW-F	-1	-1	6	train	15.2355	18.0275	17.5971
1QAW-H	-1	-1	6	train	15.2355	18.1229	17.5971
1LGH-D	-1	-1	6	validation	14.5344	21.1281	17.5971
1LGH-A	-1	-1	6	train	14.5344	21.1297	17.5971

1LGH-G	-1	-1	6	train	14.5344	21.1324	17.5971
1LGH-J	-1	-1	6	validation	14.5344	21.1338	17.5971
4LVE	-1	-1	6	validation	19.5880	0.0000	17.5971
1QAW-I	-1	-1	6	train	15.1820	19.4004	17.5971
2IGD	-1	-1	6	validation	14.8432	21.4623	17.5971
1QAW-A	-1	-1	6	train	15.1820	20.1736	17.5971
1LAF	-1	-1	6	train	19.7740	0.7741	17.5971
7RXN	-1	-1	6	train	14.2669	24.5697	17.5971
1CDM	-1	-1	6	train	18.1160	8.4765	17.5971
1C94	-1	-1	6	train	15.5408	19.8977	17.5971
1EGI	-1	-1	6	train	20.2410	0.0000	17.5971
1NCX	-1	-1	6	train	18.3699	8.0227	17.5971
1QE6	-1	-1	6	train	20.3198	0.0000	17.5971
2GAL	-1	-1	6	train	20.1469	0.8335	17.5971
5PTI	-1	-1	6	validation	14.6611	24.4502	17.5971
2TMY	-1	-1	6	train	17.2256	13.6998	17.5971
7PTI	-1	-1	6	train	14.6611	24.6979	17.5971
451C	-1	-1	6	validation	15.9114	20.0052	17.5971
3CLN	-1	-1	6	train	17.9195	11.7017	17.5971
1HOE	-1	-1	6	train	15.5408	22.4822	17.5971
1B1U	-1	-1	6	train	17.1949	15.4668	17.5971
2TGI	-1	-1	6	train	17.0372	16.5885	17.5971
1B7V	-1	-1	6	train	15.3914	24.6835	17.5971
1GZI	-1	-1	6	train	15.0726	26.0533	17.5971
1CFW	-1	-1	6	train	15.4419	24.5508	17.5971
1QSU	-1	-1	6	train	14.9019	27.3904	17.5971
1QAW-K	-1	-1	6	validation	15.2355	26.0362	17.5971
1AS4	-1	-1	6	train	21.3423	0.0000	17.5971
1QAW-B	-1	-1	6	train	15.3401	25.7550	17.5971
1OPC	-1	-1	6	train	16.5917	20.5161	17.5971
1B7D	-1	-1	6	train	14.8432	28.0598	17.5971
1CC7	-1	-1	6	validation	15.4419	25.5564	17.5971
1PTX	-1	-1	6	validation	15.1277	26.9535	17.5971
1WHO	-1	-1	6	validation	16.4046	21.8424	17.5971
1E9M	-1	-1	6	train	16.8384	20.3896	17.5971
1EHH	-1	-1	6	train	18.6692	12.6800	17.5971
1AIL	-1	-1	6	train	15.3401	27.3761	17.5971
1ET6	-1	-1	6	train	21.6515	0.7554	17.5971
1IRN	-1	-1	6	validation	14.3356	32.0334	17.5971
1AY1	-1	-1	6	train	21.8354	0.0000	17.5971
1A92	-1	-1	6	train	19.1127	11.6764	17.5971
1CSP	-1	-1	6	validation	15.1820	28.5667	17.5971
1QAW-E	-1	-1	6	train	15.2882	28.1277	17.5971
2VPF-G	-1	-1	6	validation	16.4428	23.2811	17.5971
1E0B	-1	-1	6	validation	17.2863	19.8235	17.5971
1QAW-D	-1	-1	6	train	15.2882	28.5628	17.5971

1B67	-1	-1	6	validation	17.6577	18.6298	17.5971
2FB4	-1	-1	6	train	22.0185	0.0000	17.5971
1QAW-C	-1	-1	6	validation	15.2882	28.9217	17.5971
1ZFP	-1	-1	6	train	16.6995	23.0386	17.5971
2HMQ	-1	-1	6	train	22.1066	0.0000	17.5971
1FNA	-1	-1	6	train	16.2875	25.0038	17.5971
1VFY	-1	-1	6	train	15.1820	29.7514	17.5971
2VPF-D	-1	-1	6	train	16.4428	24.3852	17.5971
2VPF-H	-1	-1	6	train	16.4046	24.6461	17.5971
2FDN	-1	-1	6	train	14.9019	31.3491	17.5971
1C5E-C	-1	-1	6	train	16.4428	24.9841	17.5971
2VPF-C	-1	-1	6	validation	16.3660	25.3855	17.5971
1CYO	-1	-1	6	train	16.1664	26.2489	17.5971
1QKX	-1	-1	6	train	14.6611	32.7642	17.5971
1CI4	-1	-1	6	validation	18.6279	15.8645	17.5971
1C5E-A	-1	-1	6	validation	16.4428	25.2572	17.5971
1ORC	-1	-1	6	train	15.0166	31.6499	17.5971
1XXA	-1	-1	6	train	21.9364	3.0290	17.5971
1C5E-B	-1	-1	6	train	16.4428	26.5357	17.5971
1FXD	-1	-1	6	train	14.6611	34.2839	17.5971
1A8O	-1	-1	6	validation	15.1277	32.4322	17.5971
1GK6	-1	-1	6	train	16.8723	25.1019	17.5971
1H75	-1	-1	6	train	15.6843	31.1506	17.5971
1COT	-1	-1	6	train	17.3163	24.5565	17.5971
1HQ3-G	-1	-1	6	train	16.5551	27.8338	17.5971
2VPF-B	-1	-1	6	train	16.4806	28.6357	17.5971
1B9W	-1	-1	6	train	16.2875	29.5007	17.5971
1BTN	-1	-1	6	train	16.8384	27.2257	17.5971
1NTN	-1	-1	6	validation	15.4419	33.3865	17.5971
2VPF-A	-1	-1	6	train	16.5180	28.9142	17.5971
1AOX	-1	-1	6	train	21.6515	7.3377	17.5971
1HQ3-D	-1	-1	6	train	15.9552	31.9740	17.5971
2FD2	-1	-1	6	validation	16.8384	28.2932	17.5971
9WGA	-1	-1	6	train	21.2128	9.6459	17.5971
1J73	-1	-1	6	validation	16.6280	29.3623	17.5971
1MYK	-1	-1	6	validation	16.3269	30.7037	17.5971
1CPC-K	-1	-1	6	validation	18.3699	22.0416	17.5971
1HQ3-H	-1	-1	6	train	15.9985	32.2369	17.5971
1CPC-A	-1	-1	6	train	18.3699	22.4686	17.5971
1JD1-B	-1	-1	6	train	17.4337	26.8987	17.5971
1C5K	-1	-1	6	train	21.6063	9.2150	17.5971
1R69	-1	-1	6	train	14.9597	38.1613	17.5971
1DDV	-1	-1	6	validation	16.9721	29.8250	17.5971
1HQ3-C	-1	-1	6	train	16.4428	32.1752	17.5971
2VPF-F	-1	-1	6	train	16.4806	32.0962	17.5971
1F0M	-1	-1	6	validation	15.3914	36.8332	17.5971

1DK8	-1	-1	6	train	18.0191	25.6048	17.5971
1BKB	-1	-1	6	train	17.6305	27.4493	17.5971
7PAZ	-1	-1	6	train	17.3755	28.7837	17.5971
2VPF-E	-1	-1	6	train	16.4806	32.9806	17.5971
1QAD	-1	-1	6	train	16.7696	31.7609	17.5971
1YTT	-1	-1	6	train	19.6197	19.5905	17.5971
1QG7	-1	-1	6	train	17.5193	29.0192	17.5971
1LOU	-1	-1	6	train	16.5180	33.3043	17.5971
1G33	-1	-1	6	validation	15.5893	37.3634	17.5971
1QVC-D	-1	-1	6	validation	17.8429	27.9488	17.5971
1HXI	-1	-1	6	train	16.9059	31.9556	17.5971
1INR	-1	-1	6	train	17.6305	28.9612	17.5971
1B9N	-1	-1	6	train	22.4608	8.7282	17.5971
1AYI	-1	-1	6	validation	16.0834	36.3852	17.5971
1ZOP	-1	-1	6	train	21.3128	14.1851	17.5971
1BMG	-1	-1	6	train	16.5551	34.5208	17.5971
3CYR	-1	-1	6	train	16.8723	33.8751	17.5971
1A0K	-1	-1	6	train	17.5753	31.0410	17.5971
1JD1-E	-1	-1	6	validation	17.3755	32.0839	17.5971
1HQ3-E	-1	-1	6	validation	16.7696	34.8098	17.5971
1MHO	-1	-1	6	train	16.1664	37.5752	17.5971
1HQ3-A	-1	-1	6	validation	16.8384	35.1882	17.5971
1MZM	-1	-1	6	train	16.3660	37.2291	17.5971
1JF0	-1	-1	6	train	18.9834	26.0657	17.5971
1C6O	-1	-1	6	validation	18.7100	27.5554	17.5971
1B0Y	-1	-1	6	validation	16.0412	39.0344	17.5971
1KIV	-1	-1	6	train	15.7309	40.4866	17.5971
1JD1-D	-1	-1	6	train	17.4047	33.7210	17.5971
1H4Y	-1	-1	6	train	19.6354	24.4457	17.5971
2IZA	-1	-1	6	validation	17.3163	34.3851	17.5971
1G43	-1	-1	6	train	18.3251	30.3559	17.5971
1CPC-B	-1	-1	6	train	18.5862	29.2777	17.5971
1A1X	-1	-1	6	validation	16.8384	36.9846	17.5971
1BXT	-1	-1	6	train	22.0266	14.8280	17.5971
1CPC-L	-1	-1	6	train	18.5862	29.6120	17.5971
1FLM	-1	-1	6	train	19.8488	24.2240	17.5971
1QJA	-1	-1	6	validation	22.1066	14.6311	17.5971
1NFO	-1	-1	6	validation	17.6030	33.9951	17.5971
1EKG	-1	-1	6	train	17.2561	35.7340	17.5971
1FHG	-1	-1	6	train	16.7696	38.2103	17.5971
1FD3	-1	-1	6	validation	18.4362	31.1258	17.5971
1FD3	-1	-1	6	train	18.4362	31.1258	17.5971
1A62	-1	-1	6	train	17.3460	35.8957	17.5971
1QJP	-1	-1	6	train	17.7647	34.3899	17.5971
1QJP	-1	-1	6	train	17.7647	34.3899	17.5971
1JW8	-1	-1	6	train	18.1870	32.7457	17.5971

1HH5	-1	-1	6	validation	15.3914	44.9533	17.5971
1NPS	-1	-1	6	train	16.1664	41.8228	17.5971
2LIS	-1	-1	6	train	17.6030	35.9191	17.5971
2LIS	-1	-1	6	train	17.6030	35.9191	17.5971
1FAO	-1	-1	6	validation	16.6280	40.1387	17.5971
1SKZ	-1	-1	6	train	16.7696	39.5596	17.5971
1	-1	-1	6	train	20.5585	23.4379	17.5971
1	-1	-1	6	train	20.5585	23.4379	17.5971
2HIP	-1	-1	6	train	17.8941	34.9581	17.5971
3VUB	-1	-1	6	train	16.6639	40.3856	17.5971
1AYF	-1	-1	6	train	19.3751	28.8034	17.5971
1IUZ	-1	-1	6	train	16.5551	41.1883	17.5971
1H9G	-1	-1	6	train	19.5238	28.5835	17.5971
1QTP	-1	-1	6	validation	19.8339	27.5428	17.5971
1NDD	-1	-1	6	train	20.5463	24.6001	17.5971
1A7G	-1	-1	6	train	15.9114	44.5658	17.5971
4ICB	-1	-1	6	train	15.7769	45.7622	17.5971
1C1L	-1	-1	6	train	17.7116	38.1586	17.5971
1CNO-D	-1	-1	6	validation	16.0834	45.1869	17.5971
7PCY	-1	-1	6	validation	16.6995	42.6870	17.5971
1LE4	-1	-1	6	train	17.8170	37.9211	17.5971
1QJ9	-1	-1	6	train	18.0436	37.0566	17.5971
1G9O	-1	-1	6	train	16.2875	44.5772	17.5971
1MRG	-1	-1	6	train	19.8782	29.2774	17.5971
1QVC-B	-1	-1	6	train	17.9446	37.8569	17.5971
1A45	-1	-1	6	train	18.6071	35.3896	17.5971
1CNO-E	-1	-1	6	train	16.0834	46.2601	17.5971
1AQE	-1	-1	6	validation	16.9721	42.8384	17.5971
1CNO-C	-1	-1	6	train	16.0834	46.6823	17.5971
1CNO-G	-1	-1	6	train	16.1252	46.6179	17.5971
1CNO-B	-1	-1	6	train	16.0834	46.9107	17.5971
1JLY-B	-1	-1	6	train	20.5827	28.0163	17.5971
1JLY-B	-1	-1	6	validation	20.5827	28.0163	17.5971
1CNO-A	-1	-1	6	train	16.0834	47.2530	17.5971
1CNO-F	-1	-1	6	train	16.0834	47.4348	17.5971
1IOP	-1	-1	6	validation	18.1635	38.5607	17.5971
1JLY-A	-1	-1	6	train	20.5827	28.3143	17.5971
1JLY-A	-1	-1	6	train	20.5827	28.3143	17.5971
1CNO-H	-1	-1	6	validation	16.0834	47.5798	17.5971
1KDJ	-1	-1	6	train	16.6995	45.0980	17.5971
1NT3	-1	-1	6	train	16.9059	44.6253	17.5971
1J7A	-1	-1	6	train	16.5551	46.5956	17.5971
1QTO	-1	-1	6	train	17.3460	43.2450	17.5971
1K0K	-1	-1	6	train	17.4337	42.9049	17.5971
1HQ3-B	-1	-1	6	train	16.3269	47.7819	17.5971
3PSR	-1	-1	6	train	18.9834	36.4610	17.5971

1ED1	-1	-1	6	train	17.1011	44.6045	17.5971
1YHB	-1	-1	6	train	16.1252	48.9385	17.5971
1H9K	-1	-1	6	train	17.9446	41.2120	17.5971
1QGH-J	-1	-1	6	train	18.0920	40.6561	17.5971
1IC0-C	-1	-1	6	validation	17.0048	45.3290	17.5971
1HZG	-1	-1	6	validation	20.5341	30.4693	17.5971
1I6A	-1	-1	6	train	19.3412	35.7456	17.5971
1QGH-E	-1	-1	6	train	18.0920	41.1932	17.5971
2IMN	-1	-1	6	train	17.0693	45.6185	17.5971
1EKS	-1	-1	6	train	17.8429	42.3192	17.5971
4PAL	-1	-1	6	train	16.8723	46.5220	17.5971
1LIN	-1	-1	6	train	17.9944	41.8304	17.5971
2TDX	-1	-1	6	train	17.8170	42.6263	17.5971
1QGH-F	-1	-1	6	train	18.0920	41.5185	17.5971
1QGH-A	-1	-1	6	train	18.0920	41.5859	17.5971
1QVC-C	-1	-1	6	train	17.9446	42.2273	17.5971
1QGH-G	-1	-1	6	validation	18.0920	41.8223	17.5971
1IC0-F	-1	-1	6	train	16.9721	46.8539	17.5971
1IC0-D	-1	-1	6	train	17.0048	46.8166	17.5971
1HTJ	-1	-1	6	validation	18.7100	39.5540	17.5971
1QGH-C	-1	-1	6	validation	18.0920	42.2252	17.5971
1IC0-B	-1	-1	6	train	17.0048	47.0307	17.5971
1G7C	-1	-1	6	train	22.6496	23.0122	17.5971
1IC0-E	-1	-1	6	train	17.0048	47.2900	17.5971
1IC0-A	-1	-1	6	train	16.9721	47.4423	17.5971
1QVC-A	-1	-1	6	train	17.9696	43.2002	17.5971
1B88	-1	-1	6	validation	19.6039	36.2425	17.5971
1FVU-B	-1	-1	6	train	17.3163	46.9833	17.5971
1I07	-1	-1	6	train	17.2256	47.4183	17.5971
1NFT	-1	-1	6	train	20.9280	31.6970	17.5971
1NFT	-1	-1	6	train	20.9280	31.6970	17.5971
1QGH-B	-1	-1	6	train	18.0920	43.9503	17.5971
3EIP	-1	-1	6	validation	18.5012	42.2618	17.5971
2IMM	-1	-1	6	train	17.1011	48.3222	17.5971
2FGF	-1	-1	6	train	17.4625	46.8260	17.5971
1BD8	-1	-1	6	train	18.2336	43.5714	17.5971
1QDE	-1	-1	6	train	19.1488	39.7816	17.5971
1BFT	-1	-1	6	validation	19.1667	39.7598	17.5971
1JD1-A	-1	-1	6	validation	17.4625	47.2198	17.5971
1HDF	-1	-1	6	train	19.0945	40.2775	17.5971
1JD1-F	-1	-1	6	train	17.4337	47.3998	17.5971
3PRN	-1	-1	6	validation	20.4599	34.4934	17.5971
2YGS	-1	-1	6	validation	16.3269	52.2788	17.5971
1QGH-D	-1	-1	6	train	18.0920	44.8819	17.5971
1NAT	-1	-1	6	train	17.2561	48.5973	17.5971
1AWP	-1	-1	6	validation	18.5862	42.9767	17.5971

1G5I-B	-1	-1	6	validation	21.6063	30.0813	17.5971
1OR3	-1	-1	6	train	17.7382	46.6303	17.5971
1HQ3-F	-1	-1	6	train	16.3660	52.5085	17.5971
1JAF	-1	-1	6	train	20.0221	36.9337	17.5971
1FL1	-1	-1	6	validation	21.6245	30.1311	17.5971
1FVU-A	-1	-1	6	train	17.6577	47.0963	17.5971
1000000	-1	-1	6	validation	17.5753	47.6285	17.5971
1QGH-H	-1	-1	6	train	18.0920	45.9069	17.5971
1BAS	-1	-1	6	train	17.4337	48.8841	17.5971
1B3A	-1	-1	6	train	17.6847	47.8470	17.5971
1LVE	-1	-1	6	validation	17.1011	50.4640	17.5971
1JMW	-1	-1	6	train	17.9944	46.7112	17.5971
1J8Q	-1	-1	6	train	18.0191	46.6743	17.5971
3FIS	-1	-1	6	train	17.9944	46.8102	17.5971
1I92	-1	-1	6	validation	16.4428	53.8307	17.5971
3LBD	-1	-1	6	train	19.7437	39.8440	17.5971
1DQO	-1	-1	6	train	17.6847	48.6959	17.5971
1AUN	-1	-1	6	train	19.2724	42.0113	17.5971
1JDO	-1	-1	6	train	18.1870	46.9316	17.5971
1F2X	-1	-1	6	train	19.9652	39.3489	17.5971
2FAL	-1	-1	6	train	17.9944	47.7745	17.5971
2TIR	-1	-1	6	validation	16.9059	52.5060	17.5971
1JD1-C	-1	-1	6	train	17.4625	50.7404	17.5971
1ALU	-1	-1	6	validation	18.2567	47.4388	17.5971
1IRD-B	-1	-1	6	train	17.9944	48.6398	17.5971
1UP1	-1	-1	6	validation	18.5440	46.5762	17.5971
1FVU-D	-1	-1	6	validation	17.3163	51.9934	17.5971
1JAH	-1	-1	6	train	18.4580	47.1666	17.5971
1QGH-L	-1	-1	6	train	18.0920	49.0182	17.5971
1JOT	-1	-1	6	validation	18.0679	49.1248	17.5971
1QLP	-1	-1	6	train	21.3715	35.0844	17.5971
2FIT	-1	-1	6	train	17.5193	51.5551	17.5971
1A0S-P	-1	-1	6	validation	21.7490	33.5275	17.5971
1BFE	-1	-1	6	train	16.9721	54.1623	17.5971
1JB3	-1	-1	6	train	17.4910	51.9446	17.5971
2FHA	-1	-1	6	train	18.5862	47.2944	17.5971
1BMB	-1	-1	6	train	16.8384	54.7769	17.5971
3SEM	-1	-1	6	train	17.4910	52.1210	17.5971
1QGH-I	-1	-1	6	train	18.0920	49.6176	17.5971
2A2U-C	-1	-1	6	train	18.2796	48.8673	17.5971
2A2U-B	-1	-1	6	validation	18.2796	48.8732	17.5971
2A2U-A	-1	-1	6	train	18.2796	48.8762	17.5971
2A2U-D	-1	-1	6	train	18.2796	48.8792	17.5971
1MSC	-1	-1	6	train	17.5474	52.0903	17.5971
1QGH-K	-1	-1	6	validation	18.0920	49.8827	17.5971
1AHQ	-1	-1	6	validation	17.6577	51.8765	17.5971

1FVU-C	-1	-1	6	train	17.6577	51.9919	17.5971
1IO3	-1	-1	6	train	16.8723	55.4260	17.5971
1A0S-Q	-1	-1	6	train	21.7490	35.3170	17.5971
1AVU	-1	-1	6	train	18.5862	49.2414	17.5971
2LIG	-1	-1	6	train	20.7710	39.9279	17.5971
1A0S-R	-1	-1	6	train	21.7490	36.4008	17.5971
1KMB	-1	-1	6	validation	22.0347	35.2360	17.5971
1FSO	-1	-1	6	validation	17.7910	53.3811	17.5971
3CAR	-1	-1	6	train	16.6995	58.5074	17.5971
1DTJ	-1	-1	6	train	20.1605	44.5046	17.5971
1IKE	-1	-1	6	train	18.8687	50.3118	17.5971
1BXM	-1	-1	6	train	16.5917	60.1147	17.5971
4MON	-1	-1	6	train	18.9073	50.2398	17.5971
1G4R	-1	-1	6	train	21.1822	40.5639	17.5971
1B09-D	-1	-1	6	validation	19.2375	48.9256	17.5971
1EWF	-1	-1	6	train	22.2464	36.0835	17.5971
2BNH	-1	-1	6	validation	22.1066	36.9697	17.5971
1DOK	-1	-1	6	validation	18.0679	54.2364	17.5971
1B09-C	-1	-1	6	train	19.2375	49.3584	17.5971
1CT5	-1	-1	6	train	19.5560	48.0811	17.5971
3RHN	-1	-1	6	train	17.1326	58.4951	17.5971
1B09-B	-1	-1	6	train	19.2375	49.6552	17.5971
1B71	-1	-1	6	train	18.9645	50.8999	17.5971
1B0O	-1	-1	6	train	18.3476	53.5768	17.5971
1LFO	-1	-1	6	train	17.4625	57.9181	17.5971
1B09-A	-1	-1	6	train	19.2375	50.4850	17.5971
1B09-E	-1	-1	6	train	19.2375	50.6507	17.5971
1MJK	-1	-1	6	train	19.2724	50.5705	17.5971
1I7E	-1	-1	6	train	19.7437	48.7168	17.5971
3PYP	-1	-1	6	train	17.7647	57.1965	17.5971
1E4J	-1	-1	6	train	18.5651	53.7923	17.5971
1DV8	-1	-1	6	train	17.5193	58.3422	17.5971
1A8A	-1	-1	6	train	20.8052	44.6093	17.5971
1ILS-A	-1	-1	6	train	17.5193	58.8244	17.5971
1AR0	-1	-1	6	train	19.8782	48.8106	17.5971
1JLM	-1	-1	6	train	18.8881	53.1017	17.5971
1XCA	-1	-1	6	train	20.2675	47.3912	17.5971
1ILS-D	-1	-1	6	validation	17.5193	59.1474	17.5971
1ILS-B	-1	-1	6	train	17.5193	59.3935	17.5971
1IE8	-1	-1	6	train	19.9365	49.1602	17.5971
1KLO	-1	-1	6	train	18.3699	55.9718	17.5971
1MUP	-1	-1	6	train	18.2567	56.9979	17.5971
2OMF	-1	-1	6	train	21.0467	45.1221	17.5971
2OMF	-1	-1	6	train	21.0467	45.1221	17.5971
1F2L	-1	-1	6	train	20.1058	49.3520	17.5971
1BOY	-1	-1	6	train	19.3241	52.8455	17.5971

1HUS	-1	-1	6	train	17.6577	60.0748	17.5971
1AQD-G	-1	-1	6	train	18.6896	55.7872	17.5971
1IIT	-1	-1	6	validation	19.4913	52.4755	17.5971
1ILS-C	-1	-1	6	train	17.5193	61.4649	17.5971
2FCR	-1	-1	6	train	18.6071	57.0375	17.5971
1D00-G	-1	-1	6	train	18.5012	57.6427	17.5971
1RCB	-1	-1	6	train	17.5474	61.7818	17.5971
1G62	-1	-1	6	train	19.5400	53.2947	17.5971
1LIT	-1	-1	6	train	17.6030	61.5800	17.5971
1D00-A	-1	-1	6	validation	18.5012	57.8838	17.5971
1D00-C	-1	-1	6	train	18.5012	57.9584	17.5971
1ATG	-1	-1	6	validation	19.6511	53.1020	17.5971
1D00-E	-1	-1	6	validation	18.5012	58.0366	17.5971
1D00-B	-1	-1	6	train	18.5012	58.1425	17.5971
1CXA	-1	-1	6	train	17.4047	62.9940	17.5971
1D00-D	-1	-1	6	train	18.5012	58.4431	17.5971
1D00-F	-1	-1	6	train	18.5012	58.5425	17.5971
1AQD-J	-1	-1	6	train	18.6896	57.8064	17.5971
1CDH	-1	-1	6	train	18.7100	58.1749	17.5971
1SWG	-1	-1	6	train	22.1616	43.4318	17.5971
1G5Y-D	-1	-1	6	train	19.6197	54.4223	17.5971
1QDN-B	-1	-1	6	train	18.9265	57.5115	17.5971
1A3Z	-1	-1	6	train	18.0920	61.5344	17.5971
1SFP	-1	-1	6	validation	17.0048	66.4417	17.5971
1CS3	-1	-1	6	train	17.1639	65.8627	17.5971
1QDN-C	-1	-1	6	validation	18.9456	58.3025	17.5971
1D00-H	-1	-1	6	train	18.5012	60.2927	17.5971
1GE8	-1	-1	6	train	19.7589	55.2585	17.5971
1A64	-1	-1	6	validation	18.9073	58.9644	17.5971
1J8S	-1	-1	6	train	19.0021	59.1107	17.5971
1MSA	-1	-1	6	train	21.9447	46.6481	17.5971
1G5Y-B	-1	-1	6	validation	19.6197	56.8408	17.5971
2INT	-1	-1	6	train	17.5474	65.8947	17.5971
2LIV	-1	-1	6	validation	21.0889	50.7992	17.5971
1KOE	-1	-1	6	train	18.5862	61.8366	17.5971
1QDN-A	-1	-1	6	train	18.9265	60.4297	17.5971
1FCY	-1	-1	6	train	19.7437	57.3824	17.5971
1ET9	-1	-1	6	validation	19.0393	60.5115	17.5971
2UGI	-1	-1	6	validation	18.4580	63.5268	17.5971
1BTG	-1	-1	6	train	20.8949	53.3488	17.5971
1AQD-D	-1	-1	6	train	18.6896	62.8055	17.5971
1QFV	-1	-1	6	validation	21.0889	53.2972	17.5971
1A2B	-1	-1	6	train	18.7100	63.7392	17.5971
1F5M	-1	-1	6	train	21.1822	53.5236	17.5971
1G1C	-1	-1	6	train	19.0578	62.7612	17.5971
1E+29	-1	-1	6	validation	17.7116	68.7528	17.5971

1AAZ	-1	-1	6	train	18.6279	65.2033	17.5971
1E+87	-1	-1	6	train	17.3163	70.8573	17.5971
1BA2	-1	-1	6	validation	22.7305	48.2382	17.5971
1BYF	-1	-1	6	validation	19.8782	60.4426	17.5971
1LEN	-1	-1	6	validation	22.1066	51.3027	17.5971
1FHW	-1	-1	6	train	19.9075	61.0740	17.5971
1FYH-B	-1	-1	6	validation	19.1488	64.5682	17.5971
1AQD-E	-1	-1	6	validation	18.8881	66.1475	17.5971
3KAR	-1	-1	6	validation	20.8615	57.8104	17.5971
1G8I	-1	-1	6	validation	21.3325	55.9600	17.5971
1AQD-B	-1	-1	6	train	18.8881	66.7343	17.5971
1A04	-1	-1	6	train	21.7227	54.6869	17.5971
1QHV	-1	-1	6	train	19.0393	66.2520	17.5971
1EG4	-1	-1	6	train	20.2543	61.0808	17.5971
1G5I-D	-1	-1	6	train	21.7665	54.7078	17.5971
1A21	-1	-1	6	train	21.5514	55.7678	17.5971
1B8Z	-1	-1	6	train	17.6847	72.4299	17.5971
1FBQ	-1	-1	6	train	18.7100	68.1829	17.5971
2WBC	-1	-1	6	train	18.8100	67.9517	17.5971
1QSC-C	-1	-1	6	train	18.5862	69.2087	17.5971
1EYH	-1	-1	6	train	17.9446	71.9624	17.5971
1PCZ	-1	-1	6	train	21.3128	57.9746	17.5971
1JY3	-1	-1	6	train	20.3842	62.0965	17.5971
1IOZ	-1	-1	6	train	18.3699	70.8663	17.5971
1MYT	-1	-1	6	train	17.9944	72.5318	17.5971
2TNF	-1	-1	6	train	22.0103	55.7054	17.5971
1FYH-E	-1	-1	6	train	19.1488	68.1939	17.5971
1E7Z	-1	-1	6	validation	18.6071	70.7816	17.5971
1QSC-A	-1	-1	6	validation	18.5862	70.9775	17.5971
1G5I-C	-1	-1	6	train	21.6784	58.0017	17.5971
1QSC-B	-1	-1	6	train	18.5862	71.2335	17.5971
1OVB	-1	-1	6	validation	18.3024	72.7561	17.5971
1LKF	-1	-1	6	validation	20.4972	63.6443	17.5971
1JOB	-1	-1	6	train	18.3699	72.7462	17.5971
1I31	-1	-1	6	train	20.1058	65.6137	17.5971
1AQB	-1	-1	6	train	18.6486	72.5655	17.5971
1BY7	-1	-1	6	train	21.1924	61.7200	17.5971
2GDM	-1	-1	6	train	18.1635	75.6600	17.5971
1G5Y-A	-1	-1	6	train	19.6039	69.8944	17.5971
1AQD-H	-1	-1	6	train	18.8881	74.0873	17.5971
7ABP	-1	-1	6	train	20.6545	66.8076	17.5971
1BRX	-1	-1	6	validation	19.2897	72.8080	17.5971
1AQD-A	-1	-1	6	validation	18.7302	75.7259	17.5971
2UTG	-1	-1	6	train	17.8429	79.8987	17.5971
1JLJ-C	-1	-1	6	validation	18.5651	77.1997	17.5971
1JBC	-1	-1	6	train	19.7437	72.1650	17.5971

1IRD-A	-1	-1	6	train	17.8686	80.4600	17.5971
3GBP	-1	-1	6	train	20.6545	68.6045	17.5971
2TSS-C	-1	-1	6	train	19.0208	75.7781	17.5971
2TSS-B	-1	-1	6	train	19.0208	76.0159	17.5971
1FH2	-1	-1	6	train	19.6667	73.9559	17.5971
1NCH	-1	-1	6	validation	19.0945	76.5773	17.5971
1AYM-3	-1	-1	6	train	19.7740	73.9524	17.5971
2PSP	-1	-1	6	validation	19.3069	76.0365	17.5971
1NG1	-1	-1	6	validation	20.5218	71.0372	17.5971
1NG1	-1	-1	6	train	20.5218	71.0372	17.5971
2TSS-A	-1	-1	6	train	19.0208	77.9404	17.5971
1AQD-K	-1	-1	6	train	18.9073	78.8605	17.5971
1JLJ-A	-1	-1	6	train	18.5651	80.5601	17.5971
1RPJ	-1	-1	6	train	20.4474	72.5881	17.5971
1HJP	-1	-1	6	train	18.8687	79.3922	17.5971
1CFM-B	-1	-1	6	train	19.9509	75.9565	17.5971
1HG4-A	-1	-1	6	train	19.7891	76.7809	17.5971
1C48	-1	-1	6	train	21.1822	70.8932	17.5971
1I4U-B	-1	-1	6	validation	18.7503	81.5158	17.5971
1IC2	-1	-1	6	train	20.7364	73.1165	17.5971
1IC2	-1	-1	6	validation	20.7364	73.1165	17.5971
1AUE	-1	-1	6	train	18.8687	81.4175	17.5971
1HG4-D	-1	-1	6	validation	19.7589	77.9275	17.5971
1G5Y-C	-1	-1	6	train	19.5721	78.7457	17.5971
1I4U-A	-1	-1	6	train	18.7703	82.3131	17.5971
1WU3	-1	-1	6	train	18.3476	84.3444	17.5971
1FTJ-A	-1	-1	6	train	20.0502	77.2637	17.5971
1CFM-C	-1	-1	6	train	19.9509	77.9250	17.5971
1NSF	-1	-1	6	train	19.8929	78.2318	17.5971
1JLJ-B	-1	-1	6	train	18.5862	84.7920	17.5971
1EZG	-1	-1	6	train	18.4142	85.7169	17.5971
1MH1	-1	-1	6	train	18.8100	84.3777	17.5971
1MRP	-1	-1	6	validation	20.7938	75.9339	17.5971
1D7P	-1	-1	6	train	18.3024	86.6002	17.5971
1AYM-2	-1	-1	6	train	19.9795	79.9676	17.5971
2TCT	-1	-1	6	train	19.0945	83.8737	17.5971
1FTJ-B	-1	-1	6	train	20.0642	80.0311	17.5971
1AYM-1	-1	-1	6	train	20.5218	78.4151	17.5971
1FTJ-C	-1	-1	6	validation	20.0502	80.4966	17.5971
1CFM-A	-1	-1	6	validation	19.9509	81.4936	17.5971
1AUV-A	-1	-1	6	validation	20.3714	79.7651	17.5971
1AUV-A	-1	-1	6	train	20.3714	79.7651	17.5971
1F47	-1	-1	6	train	18.3476	89.0623	17.5971
1HG4-E	-1	-1	6	train	19.7891	83.2539	17.5971
1A1R	-1	-1	6	train	21.3325	77.0444	17.5971
3POR	-1	-1	6	train	20.6068	80.2585	17.5971

1QOV-H	-1	-1	6	train	19.7891	84.7742	17.5971
1NCO	-1	-1	6	train	19.5721	85.9401	17.5971
1AUV-B	-1	-1	6	train	20.3842	82.4789	17.5971
1AUV-B	-1	-1	6	train	20.3842	82.4789	17.5971
1PLF	-1	-1	6	train	20.0221	84.8895	17.5971
1QQF	-1	-1	6	train	20.2937	83.8073	17.5971
1CZD-A	-1	-1	6	validation	19.6039	86.8537	17.5971
1FT5	-1	-1	6	train	19.3241	88.0555	17.5971
1JJH	-1	-1	6	validation	19.6039	87.6519	17.5971
1J6Z	-1	-1	6	train	21.3325	80.4294	17.5971
1CZD-C	-1	-1	6	train	19.6039	88.2810	17.5971
1F7C	-1	-1	6	train	18.7902	92.1217	17.5971
2ARC	-1	-1	6	train	20.9607	82.9769	17.5971
1HH8	-1	-1	6	train	19.0762	91.0734	17.5971
1CZD-B	-1	-1	6	train	19.6039	89.0282	17.5971
1FYH-A	-1	-1	6	train	19.8190	88.2122	17.5971
1JGJ	-1	-1	6	train	19.4253	89.9981	17.5971
1A44	-1	-1	6	validation	18.8493	92.8075	17.5971
1MFF	-1	-1	6	validation	21.0679	83.4551	17.5971
1QK8	-1	-1	6	train	17.9195	97.3480	17.5971
1NK1	-1	-1	6	train	21.0889	83.8448	17.5971
1NK1	-1	-1	6	train	21.0889	83.8448	17.5971
1G6H	-1	-1	6	validation	19.9938	89.2128	17.5971
1BV1	-1	-1	6	train	18.4362	97.1817	17.5971
1NFP	-1	-1	6	train	19.6039	92.2622	17.5971
1GPC	-1	-1	6	validation	19.4419	92.9578	17.5971
1SCE	-1	-1	6	train	21.7050	83.6552	17.5971
1LT5	-1	-1	6	train	22.5460	80.1160	17.5971
1ZEI	-1	-1	6	validation	20.8052	87.7381	17.5971
1HG4-B	-1	-1	6	train	19.7891	92.8980	17.5971
1HG4-F	-1	-1	6	train	19.7891	94.1321	17.5971
1INN	-1	-1	6	validation	20.4848	92.4612	17.5971
1EJ4	-1	-1	6	train	19.0021	98.9476	17.5971
1H8N	-1	-1	6	validation	19.4253	98.2066	17.5971
1HQN-B	-1	-1	6	train	21.3029	90.9841	17.5971
1J8Y	-1	-1	6	validation	20.4848	94.5450	17.5971
1HQN-C	-1	-1	6	train	21.3226	91.1395	17.5971
1HG4-C	-1	-1	6	train	19.7589	99.7591	17.5971
1FYH-D	-1	-1	6	train	19.7891	100.0312	17.5971
1HQN-A	-1	-1	6	validation	21.2930	96.1086	17.5971
1QOK	-1	-1	6	train	19.5721	104.8720	17.5971
1VPN-D	-1	-1	6	train	20.4096	102.6293	17.5971
1VPN-C	-1	-1	6	train	20.4096	102.7645	17.5971
1FR9	-1	-1	6	train	18.8493	109.4726	17.5971
1DQZ-A	-1	-1	6	train	20.3457	103.4966	17.5971
1DQZ-A	-1	-1	6	validation	20.3457	103.4966	17.5971

1VPN-A	-1	-1	6	train	20.4096	103.4531	17.5971
1VPN-E	-1	-1	6	train	20.4096	105.0940	17.5971
1ILR	-1	-1	6	validation	20.4599	105.0792	17.5971
1VPN-B	-1	-1	6	validation	20.4599	105.2744	17.5971
1DZI	-1	-1	6	train	19.6354	110.6336	17.5971
2TRH	-1	-1	6	validation	19.9938	109.3781	17.5971
1D5W	-1	-1	6	train	21.2930	105.0052	17.5971
1VIN	-1	-1	6	train	19.9652	111.4190	17.5971
1DQZ-B	-1	-1	6	train	20.3457	110.1998	17.5971
1DQZ-B	-1	-1	6	train	20.3457	110.1998	17.5971
1BHD	-1	-1	6	validation	19.4086	115.1091	17.5971
1QKM	-1	-1	6	validation	19.6667	114.2460	17.5971
2TEP-D	-1	-1	6	train	19.6667	114.2824	17.5971
2FIB	-1	-1	6	validation	19.9938	112.9152	17.5971
1PHN	-1	-1	6	train	20.9716	108.9448	17.5971
2TEP-A	-1	-1	6	train	19.6667	114.6921	17.5971
1G5I-A	-1	-1	6	train	21.6784	106.4759	17.5971
1PSZ	-1	-1	6	train	20.4222	112.0860	17.5971
1F56	-1	-1	6	validation	20.2543	113.1398	17.5971
2HEX	-1	-1	6	train	20.3585	113.4505	17.5971
1EAJ	-1	-1	6	validation	19.8488	115.7866	17.5971
2TEP-C	-1	-1	6	train	19.6667	117.6042	17.5971
2TEP-B	-1	-1	6	validation	19.6667	120.0353	17.5971
1QME	-1	-1	6	validation	40.6651	31.7404	17.5971
1HFA	-1	-1	6	validation	20.1195	120.4423	17.5971
1A99-A	-1	-1	6	train	21.0573	117.8742	17.5971
1A99-D	-1	-1	6	train	21.0573	118.3931	17.5971
1AXI	-1	-1	6	train	21.3128	117.3417	17.5971
1A99-B	-1	-1	6	train	21.0573	118.4350	17.5971
1QQ1	-1	-1	6	train	22.7371	111.6785	17.5971
1A99-C	-1	-1	6	validation	21.0573	119.0741	17.5971
1DVN	-1	-1	6	train	21.4388	119.2981	17.5971
1EPB	-1	-1	6	validation	20.8727	121.9204	17.5971
1BGE	-1	-1	6	train	20.8052	123.2920	17.5971
1QOV-M	-1	-1	6	validation	20.6188	124.4664	17.5971
1MPC	-1	-1	6	train	21.3520	121.4511	17.5971
1I81	-1	-1	6	train	22.5178	116.5941	17.5971
1AS0	-1	-1	6	train	20.7480	124.1961	17.5971
1QDV	-1	-1	6	train	21.5972	121.7280	17.5971
1QOV-L	-1	-1	6	train	20.3714	126.9928	17.5971
1JVX	-1	-1	6	validation	21.3618	123.7205	17.5971
1IB2	-1	-1	6	train	20.8503	125.9470	17.5971
1EI7	-1	-1	6	validation	20.7824	126.3537	17.5971
1JCF	-1	-1	6	train	21.0040	127.6371	17.5971
1JCF	-1	-1	6	train	21.0040	127.6371	17.5971
1HQO	-1	-1	6	train	21.9612	128.0649	17.5971

3SEB	-1	-1	6	validation	19.7589	138.5715	17.5971
1ERN	-1	-1	6	train	21.7751	130.2432	17.5971
2CBL	-1	-1	6	train	20.7480	134.6412	17.5971
1JL5	-1	-1	6	train	21.1822	133.6298	17.5971
2CAV	-1	-1	6	train	21.1099	134.0066	17.5971
1EA3	-1	-1	6	train	20.7595	136.0072	17.5971
1CAG	-1	-1	6	train	22.8805	127.6891	17.5971
1ION	-1	-1	6	train	19.6977	142.0634	17.5971
1A4X	-1	-1	6	train	20.9824	136.6978	17.5971
1YFP	-1	-1	6	validation	22.0427	132.4327	17.5971
1EE4-B	-1	-1	6	train	21.8354	134.9185	17.5971
1BH2	-1	-1	6	train	20.7710	139.8983	17.5971
1BH2	-1	-1	6	train	20.7710	139.8983	17.5971
1AOH	-1	-1	6	train	20.4724	141.3052	17.5971
1EE4-A	-1	-1	6	train	21.8354	135.8581	17.5971
1D5T	-1	-1	6	train	38.8297	65.5317	17.5971
1EFT	-1	-1	6	validation	21.6784	139.5629	17.5971
1E2U	-1	-1	6	train	40.5289	62.6171	17.5971
1DUW	-1	-1	6	validation	20.4599	148.3968	17.5971
1JQF	-1	-1	6	train	20.9280	146.4935	17.5971
1JQF	-1	-1	6	train	20.9280	146.4935	17.5971
1E9L	-1	-1	6	train	21.3715	145.2396	17.5971
1JRR	-1	-1	6	train	21.3618	145.6159	17.5971
1G6N	-1	-1	6	train	21.6425	145.4005	17.5971
1IXG	-1	-1	6	train	36.6726	82.0550	17.5971
1D2E-D	-1	-1	6	validation	21.6063	150.3490	17.5971
2GWX	-1	-1	6	validation	22.6632	148.1517	17.5971
1D2E-B	-1	-1	6	train	21.6063	153.3539	17.5971
1D2E-C	-1	-1	6	train	21.6063	153.5781	17.5971
1RRG	-1	-1	6	train	21.1924	155.8431	17.5971
1IN5	-1	-1	6	train	20.6307	159.5652	17.5971
1IN5	-1	-1	6	train	20.6307	159.5652	17.5971
4BCL	-1	-1	6	train	21.1514	158.3385	17.5971
1OXY	-1	-1	6	train	40.8546	75.9890	17.5971
1D2E-A	-1	-1	6	train	21.6063	159.7173	17.5971
1B63	-1	-1	6	train	20.9716	162.8403	17.5971
4BJL	-1	-1	6	train	22.0103	160.6180	17.5971
1G3J-A	-1	-1	6	train	22.5947	165.9527	17.5971
1G3J-C	-1	-1	6	train	21.9695	169.1702	17.5971
1BM3	-1	-1	6	validation	21.8947	175.3784	17.5971
1IND	-1	-1	6	train	21.8439	175.8327	17.5971
1E7C	-1	-1	6	train	40.9662	100.1949	17.5971
1MDT-A	-1	-1	6	train	22.6016	181.0344	17.5971
1MDT-B	-1	-1	6	train	22.6016	187.8416	17.5971
1IL1	-1	-1	6	train	21.9612	210.3052	17.5971
1IKF	-1	-1	6	train	22.0103	213.4927	17.5971

1P30	-1	-1	6	train	44.0422	120.2197	17.5971
1LLA	-1	-1	6	train	41.1892	135.5184	17.5971
3ERD	-1	-1	6	train	22.4966	227.5356	17.5971
1JET-A	-1	-1	6	train	22.5600	229.0466	17.5971
1EPU	-1	-1	6	train	40.2524	157.3547	17.5971
1F5N	-1	-1	6	train	40.6323	161.7742	17.5971
1DJ8	-1	-1	6	train	22.2464	243.8474	17.5971
1C4P	-1	-1	6	train	22.7037	249.2573	17.5971
1BM0-B	-1	-1	6	train	22.9627	267.9537	17.5971
1BM0-A	-1	-1	6	train	22.9627	268.9774	17.5971
1QSA	-1	-1	6	train	41.4030	200.2891	17.5971
1G7S	-1	-1	6	train	61.0185	133.3289	17.5971
1JI6	-1	-1	6	train	40.9482	233.6946	17.5971
1QFG	-1	-1	6	train	42.3746	259.9404	17.5971
1LVK	-1	-1	6	train	42.7309	280.4646	17.5971
1DOT	-1	-1	6	train	42.1558	323.1097	17.5971
1B0L	-1	-1	6	train	42.2087	349.3717	17.5971
1CAU	-1	-1	6	train	170.2725	127.6891	17.5971