

Evaluation data sets for MetalDetector v2.0

Andrea Passerini, Marco Lippi, Paolo Frasconi

UniqueProt-based data set

101m-, 1aoo-, 1altA, 1a42-, 1a4aA, 1a6bB, 1a6yA, 1a71A, 1a73A, 1a7i-, 1a7vA, 1adt-,
1af2A, 1ahjA, 1aigL, 1ajyA, 1aqe-, 1arlA, 1ast-, 1aw5-, 1aw6-, 1axq-, 1b0jA, 1b0pA,
1b13A, 1b25A, 1b55A, 1b66A, 1b9rA, 1bbo-, 1bkcA, 1blu-, 1bor-, 1bxiB, 1c9qA, 1cfwA,
1chc-, 1cl6A, 1co4A, 1cw0A, 1cxyA, 1d09B, 1d0qA, 1d4uA, 1d6uA, 1dax-, 1dcqA, 1de0A,
1dfeA, 1dfsA, 1dftA, 1dj7A, 1djnA, 1dl6A, 1dq3A, 1dt6A, 1dw0A, 1e08A, 1e0eA, 1elhA,
1e29A, 1e4uA, 1e53A, 1e7dA, 1e7pB, 1e7pC, 1ee8A, 1ef4A, 1efzA, 1eh6A, 1ep1B, 1evkA,
1exkA, 1eyfA, 1f22A, 1f2iG, 1f37A, 1f3z-, 1f4sP, 1f81A, 1faq-, 1fb1A, 1ffuA, 1fioA,
1fjgD, 1fjgN, 1fn9A, 1fp0A, 1fp4A, 1fp4B, 1fmtA, 1fre-, 1fu9A, 1fv5A, 1fvsA, 1fwqA,
1g25A, 1g47A, 1g5cA, 1g71A, 1g8jB, 1g9kA, 1gaqB, 1gaxA, 1gmwA, 1gnf-, 1gof-, 1gpc-,
1gqgA, 1gt7A, 1gycA, 1gzha, 1h0hB, 1h21A, 1hc1-, 1huxA, 1hwtC, 1hyiA, 1i3jA, 1i3qA,
1i3qC, 1i3qI, 1i3qL, 1i7hA, 1i7wA, 1ia9A, 1iaq-, 1iciA, 1iqzA, 1isuA, 1iymA, 1izoA,
1j51A, 1j6wA, 1jb0A, 1jjdA, 1jm7A, 1jm7B, 1jnrB, 1jq4A, 1jr3A, 1jwhC, 1k0vA, 1k81A,
1kbeA, 1klrA, 1kqkA, 1kwgA, 1l1oC, 1l5pA, 1lml-, 1lpvA, 1lt1A, 1lv3A, 1m2oA, 1m65A,
1m7jA, 1mj4A, 1mjgM, 1mm2A, 1mr1C, 1n0zA, 1n25A, 1ncs-, 1nj3A, 1nkuA, 1nn7A, 1nuiA,
1occF, 1ocyA, 1odhA, 1oj6A, 1oqjA, 1ox7A, 1pft-, 1pilA, 1pih-, 1pyiA, 1pzwA, 1q16A,
1q16C, 1q68A, 1qjkA, 1qx0A, 1qyp-, 1rmd-, 1tbn-, 1tf3A, 1ui0A, 1v3wA, 1vf5A, 1yuiA,
1zbdB, 1zfd-, 1zfo-, 2aw0-, 2drpD, 2hrvA, 3hipA

SCOP-based data set

Setting A — Leave-k-superfamilies-out

Subset 0

1a0bA, 1a73A, 1adnA, 1bccC, 1be3C, 1bxiB, 1dp6A, 1dwlA, 1e7dA, 1ezvC, 1f1mB, 1fwqA, 1i3jA, 1i4mA, 1kqfC, 1l4zB, 1m55A, 1odhA, 1ozjA, 1pilA, 1q68A, 1q69A, 1q90B, 1q9uA, 1qx0A, 1r9pA, 1rxqA, 1sf8C, 1su0B, 1v0dA, 1v9yA, 1vf5A, 1wFzA, 1x6mA, 1xjsA, 2581A, 2an6A, 2cyeD, 2eikE, 2einD, 2f22A, 2gu3A, 2hjeA, 2hkvA, 2j44A, 2jneA, 2jxmB, 2nsfA, 2ou6A, 7ceiB

Subset 1

1acmB, 1aigL, 1aolA, 1b55A, 1bzoA, 1ci3M, 1do5A, 1dxrL, 1dxrM, 1e7pC, 1e9oA, 1eqwA, 1esoA, 1exkA, 1eysL, 1eysM, 1f18A, 1fd8A, 1fe0A, 1fjgD, 1fvvA, 1g73C, 1hczA, 1hl4A, 1hw7A, 1i3oE, 1i3qL, 1iidA, 1jd4A, 1jk9B, 1k0vA, 1k61M, 1k8tA, 1kqkA, 1kvjA, 1m4mA, 1ml9A, 1mvhA, 1mwzA, 1nekC, 1nn7A, 1oq6A, 1oxnA, 1pg5B, 1pzsA, 1q90A, 1qbhA, 1r30A, 1ro5A, 1ryqA, 1slgA, 1s3zA, 1s6uA, 1sdzA, 1srdA, 1t3kA, 1to4A, 1tu2B, 1tv7A, 1ul4A, 1ul5A, 1uw1A, 1vf5C, 1vpyA, 1vq0A, 1vzyA, 1wj0A, 1wj2A, 1xb0A, 1xjhA, 1xsoA, 1y11A, 1zwwA, 2apsA, 2atcB, 2f44A, 2f6sA, 2givA, 2pxrC, 2rawA, 2rc4A, 3d9tA, 3kvtA

Subset 2

1a3zA, 1a4aA, 1a65A, 1a7vA, 1aacA, 1adwA, 1af2A, 1ag6A, 1ah7A, 1ak0A, 1aozA, 1aq8A, 1ar1B, 1b3iA, 1bawA, 1bbhA, 1bf6A, 1bq5A, 1bqkA, 1bxuA, 1byoA, 1ca1A, 1cc3A, 1cgnA, 1cpqA, 1cuoA, 1cyxA, 1dyzA, 1e9yB, 1earA, 1ehkB, 1ejrC, 1f56A, 1f81A, 1f8nA, 1fwxA, 1gkpA, 1gkrA, 1gmwA, 1gqaA, 1gskA, 1gw0A, 1gycA, 1hrkA, 1hu9A, 1ibyA, 1id2A, 1ie7C, 1itqA, 1iuza, 1iw1A, 1j5cA, 1j6pA, 1j79A, 1jafA, 1jerA, 1joiA, 1jtkA, 1jxgA, 1k1dA, 1kbvA, 1kcbA, 1kdiA, 1khoA, 1kyaA, 1l3eB, 1ld3A, 1lm3B, 1loxA, 1m56B, 1mq0A, 1mzzA, 1ndrA, 1nfgA, 1nwoA, 1o12A, 1occb, 1olpA, 1onwA, 1ov8A, 1ox7A, 1pf3A, 1plaA, 1pmyA, 1pscA, 1py0A, 1qniA, 1r5tA, 1r9xA, 1rjpA, 1rkrA, 1s05A, 1shwA, 1tiyA, 1ui0A, 1v10A, 1vk2A, 1vk9A, 1vq2A, 1w5cA, 1w5cD, 1w5cE, 1w5cT, 1wn5A, 1ws7A, 1wwrA, 1xrfA, 1xwyA, 1yixA, 1z3aA, 1zabA, 1zzmA, 2a31A, 2a8nA, 2adaA, 2ayiA, 2b3jA, 2b3zA, 2bb0A, 2bgnE, 2byoA, 2cbpA, 2ccyA, 2d30A, 2dvtA, 2ftwA, 2ftyA, 2g84A, 2gimA, 2gokA, 2gwgA, 2hbvA, 2hxvA, 2i9uA, 2icsA, 2imrA, 2j5wA, 2oodA, 2oofA, 2p50A, 2pajA, 2pkgC, 2pltA, 2qeeC, 2r8cA, 2uz9A, 3dugA, 7pcyA, 9pcyA

Subset 3

1a2pA, 1b0nA, 1cc1L, 1dlmA, 1eo2B, 1ey2A, 1frfL, 1frvB, 1gqgA, 1hb6A, 1hbkA, 1io0A, 1j11A, 1j3qA, 1jj22, 1jj2Y, 1k24A, 1liqA, 1lr5A, 1m2vB, 1m5q1, 1n0zA, 1nj3A, 1oo2C, 1pmiA, 1q3iA, 1qwrA, 1qxjA, 1s721, 1s720, 1s9aA, 1tq5A, 1ud9A, 1vr3A, 1xruA, 1xvhA, 1y3tA, 1y9qA, 1yfuA, 1ykkB, 1zqrA, 1zrrA, 1zvfA, 1zz7A, 2ayjA, 2c6aA, 2cr8A, 2d40A,

2d6fC, 2eikL, 2eulC, 2fiyA, 2fk4A, 2g1lA, 2gm6A, 2gqeA, 2i14A, 2j9uB, 2jgoA, 2k4xA,
2olqA, 2phdA, 2pmsC, 2qtvA, 2zjpY, 3bu7A, 3cc2Z, 3d19A, 3dbyA, 3dgdA, 3eipA

Subset 4

1ayeA, 1bavA, 1cg2A, 1cp7A, 1d0qA, 1d8wA, 1dvpA, 1eytA, 1f62A, 1fnoA, 1fp0A, 1h8lA,
1hlqA, 1hpiA, 1i3qI, 1i6nA, 1isuA, 1jocA, 1js2A, 1jwqA, 1lfwA, 1mm2A, 1nsaA, 1nuiA,
1obrA, 1pcaA, 1pftA, 1pihA, 1q7lA, 1qtwA, 1qypA, 1r43A, 1rlyA, 1rtqA, 1tfiA, 1uwyA,
1vd4A, 1vfyA, 1vheA, 1vixA, 1we9A, 1weeA, 1wemA, 1wepA, 1weqA, 1wesA, 1weuA, 1wevA,
1wewA, 1wfkA, 1wiiA, 1wilA, 1x4sA, 1xfoA, 1xllA, 1xovA, 1xp3A, 1y02A, 1yloA, 1ysjA,
1yw4A, 1z2lA, 1z5rA, 1zbdB, 2afmA, 2aklA, 2bcoA, 2boaA, 2c1cA, 2d8qA, 2dj8A, 2gu2A,
2i3cA, 2jw6A, 2jwoA, 2ootA, 2q7sA, 3hipA

Subset 5

1a5tA, 1a6yA, 1a7iA, 1a8vA, 1acoA, 1andA, 1b8tA, 1b9mA, 1bi0A, 1btgB, 1citA, 1cjuC,
1cp2A, 1culA, 1cxxA, 1d8yA, 1d9xA, 1dcqA, 1de0A, 1dl5B, 1dszA, 1e0eA, 1e42B, 1ee8A,
1efzA, 1ek0A, 1f48A, 1f4lA, 1ffya, 1fjgN, 1ft9A, 1g47A, 1g8fA, 1gaxA, 1gnfA, 1h3nA,
1h4qA, 1hcqA, 1huxA, 1i27A, 1iaua, 1ileA, 1imlA, 1iq8A, 1iqbA, 1irxA, 1j2oA, 1j5yA,
1jr3A, 1k3wA, 1k6yA, 1k82A, 1kb2A, 1kjzA, 1kl9A, 1lloC, 1lltA, 1l4zA, 1l5jA, 1li5A,
1lo1A, 1lt1A, 1ltvA, 1lv3A, 1m3vA, 1mkmA, 1mlwA, 1mzbA, 1nj1A, 1nypA, 1nyqA, 1nzjA,
1ovxA, 1oywA, 1p3jA, 1p9lA, 1p9rA, 1pp7U, 1pzwA, 1q05A, 1q08A, 1q7hA, 1qf6A, 1r1vA,
1r22A, 1r4iA, 1r4oA, 1rgqA, 1rqgA, 1rutX, 1s3gA, 1sgfA, 1svlA, 1t64A, 1t9hA, 1tdzA,
1tjlA, 1tohA, 1tonA, 1u0lA, 1u2wA, 1u5kA, 1uw0A, 1uwvA, 1v47A, 1v6gA, 1v9pA, 1vshA,
1w9hA, 1wigA, 1wnuA, 1wyhA, 1x3hA, 1x4kA, 1x4lA, 1x61A, 1x62A, 1x63A, 1x64A, 1x68A,
1x6aA, 1xc3A, 1xmka, 1xpaA, 1xx6A, 1ynwB, 1z05A, 1z3iX, 1z6rA, 1zfoA, 1zinA, 2aa4A,
2ab4A, 2ap1A, 2atqB, 2b3xA, 2c7mA, 2ce7B, 2co8A, 2corA, 2cu8A, 2cupA, 2cuqA, 2curA,
2d54A, 2d8rA, 2d8xA, 2d8yA, 2d8zA, 2darA, 2dasA, 2dj7A, 2dloA, 2e1bA, 2einG, 2ev0A,
2f9mA, 2fbhA, 2gatA, 2glzA, 2gnrA, 2gviA, 2hanA, 2hanB, 2hrvA, 2igiA, 2ijdl, 2isyA,
2nllB, 2orvA, 2p2lB, 2pahB, 2uz3A, 2uziR, 2virC, 3c0yA, 3d7lA, 4gatA

Subset 6

1ajbA, 1aqpA, 1bl3A, 1b7lA, 1biqA, 1bq8A, 1co4A, 1dcdA, 1dceA, 1dfxA, 1do6A, 1dx8A,
1ef4A, 1ei6A, 1ew2A, 1f30A, 1fyza, 1h96A, 1i3qJ, 1j30A, 1ji5A, 1jigA, 1jk0A, 1jnxX,
1kgnA, 1m9oA, 1mhyD, 1mojA, 1moxA, 1nf4A, 1nnqA, 1o9rE, 1occF, 1oq4A, 1r2fA, 1rb9A,
1rdgA, 1rdvA, 1rgoA, 1s24A, 1s3qG, 1shnA, 1sofA, 1syyA, 1t0qA, 1uvhA, 1uzrA, 1vlgA,
1vzgA, 1w69A, 1yuxA, 1z6oM, 2aqcA, 2b9dA, 2bw1A, 2ceiA, 2cqeA, 2ewlA, 2f4lB, 2fc6A,
2fjcA, 2gyqA, 2htnA, 2hvyC, 2itbA, 2oh3A, 2v2iA, 6rxnA

Subset 7

10lmA, 1a00B, 1a1fA, 1a4fA, 1a4fB, 1a7lA, 1a7tA, 1a9wE, 1agnA, 1ar1A, 1b0bA, 1bboA,
1bc2A, 1binA, 1borA, 1bp3B, 1cdoA, 1cg5A, 1cg5B, 1ch4A, 1chcA, 1cl4A, 1cy5A, 1cyyA,
1czfA, 1d8dB, 1d8uA, 1dceB, 1dd6A, 1dehA, 1dlwA, 1dlyA, 1ds8H, 1dsqA, 1dsvA, 1e0oA,

1e3eA, 1e3jA, 1e4uA, 1ecaA, 1ef8A, 1ew6B, 1f2iG, 1f6uA, 1f8fA, 1faqA, 1fbvA, 1fdhG,
 1fftA, 1fhjA, 1fhjB, 1fioA, 1freA, 1fsxA, 1fsxB, 1fu9A, 1fv5A, 1g0bA, 1g0bB, 1g25A,
 1gcvA, 1gcvB, 1gupA, 1h2bA, 1h97A, 1hbgA, 1hbhA, 1hbhB, 1hbiA, 1hbrA, 1hdsA, 1hdsB,
 1h1bA, 1h1mA, 1i3qC, 1ib4A, 1iciA, 1idrA, 1it2A, 1ithA, 1iymA, 1j2tA, 1j3gA, 1j8fA,
 1jebA, 1jebB, 1jm7A, 1jm7B, 1jqbA, 1jvbA, 1k81A, 1kaeA, 1kbeA, 1keaA, 1kg2A, 1klrA,
 1kolA, 1kr7A, 1lbaA, 1lh7A, 1llmC, 1lluA, 1lpvA, 1m2xA, 1m56A, 1ma3A, 1mbaA, 1mc5A,
 1mniA, 1mytA, 1n4pB, 1ncpN, 1ncsA, 1neeA, 1ngkB, 1nkuA, 1nmoA, 1np8B, 1nvtA, 1olmA,
 1occa, 1ocyA, 1odbA, 1ohtA, 1on3B, 1or4A, 1ornA, 1outA, 1outB, 1p0cA, 1p7aA, 1p9eA,
 1pguA, 1piwA, 1pl6A, 1ptqA, 1pv9B, 1q14A, 1q16C, 1qh3A, 1qpW, 1qpWB, 1qwzA, 1r5xA,
 1r6oA, 1r79A, 1rjwA, 1rmdA, 1rrqA, 1s5pA, 1s69A, 1sctB, 1sdwA, 1smlA, 1sp1A, 1sp2A,
 1spgB, 1srkA, 1tbnA, 1totA, 1tu9A, 1ulhA, 1u6gB, 1u6pA, 1ubdC, 1umoA, 1urjA, 1uufA,
 1ux8A, 1uxjC, 1v4uB, 1v4uC, 1v5nA, 1v75A, 1v75B, 1v87A, 1vj0A, 1vk6A, 1vyxA, 1w7vA,
 1wd2A, 1wdkA, 1weoA, 1wgeA, 1wimA, 1wirA, 1wjPA, 1wjvA, 1wppA, 1x3cA, 1x5wA, 1x6eA,
 1x6fA, 1x6hA, 1x9fA, 1x9fB, 1x9fC, 1x9fD, 1xa6A, 1xf7A, 1xm8A, 1xmeA, 1xq5A, 1xq5B,
 1xtoA, 1xx4A, 1xydA, 1y23A, 1y44A, 1yc5A, 1ycfA, 1ykfA, 1yopA, 1yuiA, 1z60A, 1z84A,
 1zeiA, 1zfdA, 1zfpE, 1zkpA, 1znfA, 1zpsA, 1zr9A, 1ztcA, 1zulA, 2aa1B, 2abkA, 2adrA,
 2az4A, 2b4yA, 2be6A, 2bibA, 2bzSA, 2c9wA, 2cbnA, 2cotA, 2cs3A, 2cshA, 2csvA, 2ct1A,
 2ct5A, 2ct7A, 2ctdA, 2d8uA, 2d8vA, 2didA, 2dipA, 2djaA, 2dkfA, 2dlkA, 2dlqA, 2dmdA,
 2dq5A, 2drpA, 2e7yA, 2ec7A, 2eppA, 2epqA, 2eprA, 2epsA, 2f9yB, 2fc7A, 2g43A, 2ghfA,
 2gmnA, 2gx8A, 2i7tA, 2idaA, 2oikA, 2psrA, 2q0jA, 2qedA, 2uzgA, 2v4jC, 2vhbA, 2vrdA,
 2vryA, 2vy4A, 2yrkA, 2yt9A, 2yz3A, 7mdhA

Subset 8

12caA, 155cA, 1a0qH, 1a0qL, 1a2iA, 1a2sA, 1a56A, 1a70A, 1aa6A, 1aazB, 1ajyA, 1aofA,
 1aopA, 1aqbA, 1aqeA, 1arpA, 1au1B, 1awdA, 1awpA, 1aygA, 1azmA, 1b0pA, 1b2vA, 1b7vA,
 1b85A, 1b9rA, 1bc6A, 1bccD, 1bfxA, 1bgpA, 1bk0A, 1bl9A, 1bluA, 1bn1A, 1bp3A, 1bt0A,
 1bt1A, 1bvbaA, 1c2nA, 1c6oA, 1c6sA, 1c7mA, 1cc1S, 1cc5A, 1ccaA, 1cchA, 1ccrA, 1cfvL,
 1chhA, 1clcA, 1cldA, 1clfA, 1cnoA, 1co6A, 1corA, 1cotA, 1cqeB, 1crcA, 1cvrA, 1cxA,
 1cyiA, 1czpA, 1d2uA, 1d4cA, 1d5iH, 1d66A, 1d6uA, 1daxA, 1dfeA, 1dfsA, 1dftA, 1dg6A,
 1dgjA, 1diiC, 1djnA, 1dmcA, 1dmeA, 1dmxA, 1doiA, 1dq3A, 1drtA, 1durA, 1dvfB, 1dvhA,
 1dvvA, 1dw0A, 1dxrC, 1dy0A, 1dzuP, 1e0oB, 1e0zA, 1e29A, 1e39A, 1e3dA, 1e4mM, 1e5sA,
 1e6eB, 1e87A, 1e8eA, 1e9mA, 1ea0A, 1eb7A, 1ef0A, 1ehjA, 1ep3B, 1eteA, 1etpA, 1euoA,
 1eysC, 1f1cA, 1f1fA, 1f2gA, 1f37A, 1f4sP, 1fcaA, 1fcbA, 1fcdC, 1feuA, 1ffuA, 1fj0A,
 1fljA, 1fo4A, 1fp4A, 1fp4B, 1frdA, 1frfS, 1frrA, 1frvA, 1fs9A, 1fxiA, 1fy2A, 1g01A,
 1g71A, 1g8jA, 1gaqB, 1gdvA, 1gkKA, 1gksA, 1gl4A, 1gm4A, 1gm6A, 1gofA, 1gp5A, 1gph1,
 1gqwA, 1gt7A, 1gt8A, 1gu6A, 1gyoA, 1h0hA, 1h0hB, 1h11A, 1h11B, 1h1oA, 1h1zA, 1h21A,
 1h2aS, 1h32A, 1h32B, 1h79A, 1h98A, 1hcyA, 1hfeL, 1hkKA, 1hkoA, 1hqrB, 1hroA, 1hu8A,
 1hwtC, 1i05A, 1i77A, 1i7hA, 1ia6A, 1ibqA, 1libsB, 1ij0A, 1iqcA, 1iqzA, 1itkA, 1iueA,
 1iujA, 1iynA, 1j0pA, 1j3sA, 1j51A, 1j5mA, 1jb0C, 1jbbA, 1jczA, 1jdiA, 1jdlA, 1jflA,
 1ji3A, 1ji9A, 1jjdA, 1jjjA, 1jmxA, 1jniA, 1jnrB, 1jpuA, 1jq4A, 1jr7A, 1jroA, 1jvnA,
 1kf6B, 1kfgB, 1kn2L, 1kopA, 1kq3A, 1kqfA, 1kqfB, 1krhA, 1kv9A, 1kwgA, 1kx2A, 1kyoD,
 1kysA, 1l5pA, 1ll1A, 1llwA, 1ln1A, 1ls9A, 1m0gA, 1m0jA, 1mlpA, 1m65A, 1mg2D, 1mioA,
 1mioB, 1mj4A, 1mnuH, 1mnuL, 1moxD, 1mrbA, 1mwoA, 1mwqA, 1mwrA, 1mzeA, 1n5wA, 1n9eA,
 1nekB, 1nmlA, 1npeA, 1npeB, 1nr5B, 1nw2A, 1nx4A, 1o2dA, 1offA, 1ogyA, 1ogyB, 1ohvA,

1oiiA, 1oj7B, 1onsA, 1oqqA, 1os6A, 1ozbI, 1pa2A, 1pc4A, 1pfdA, 1pq4A, 1ps7A, 1ps9A, 1pszA, 1py2B, 1pyiA, 1q16A, 1q16B, 1q68B, 1q74A, 1q91A, 1qd0A, 1qdbA, 1qe3A, 1qjkA, 1qjlA, 1qn0A, 1qn2A, 1qo8A, 1qrlA, 1r5aA, 1r61B, 1r7oA, 1r85A, 1rgvA, 1rhfA, 1rj5A, 1rjoA, 1rm6B, 1rm6C, 1rniA, 1roeA, 1rofA, 1rp0A, 1ruqL, 1rwjA, 1s4cA, 1s7dA, 1schA, 1sijA, 1sizA, 1sj2A, 1sm3H, 1sm3L, 1soxA, 1sx1A, 1t0bA, 1t3qA, 1t4kB, 1t4wA, 1ti2B, 1tlgA, 1toaA, 1tqxA, 1tsrA, 1u5zA, 1ub2A, 1uliB, 1uv0A, 1uvqB, 1v33A, 1v3wA, 1v48A, 1v9iC, 1vddA, 1vljA, 1vrBA, 1w2aX, 1w2zA, 1w4wA, 1w7oA, 1wa6X, 1wriA, 1x3wA, 1x7uA, 1xcrA, 1xerA, 1xkfA, 1xkiA, 1xv2A, 1y0zA, 1y7mA, 1yebA, 1zj8A, 1zncA, 1zt2A, 2a1xA, 2afbA, 2aj7B, 2akjA, 2anuA, 2b7jA, 2bi4A, 2bmoB, 2bs2B, 2c2cA, 2c5wB, 2c8sA, 2c9pA, 2c9wB, 2ccvA, 2cs7A, 2csgA, 2ebnA, 2es1A, 2f4mA, 2fctA, 2fdjA, 2fffB, 2fliA, 2fug1, 2fug2, 2fug3, 2fug6, 2fug9, 2fweA, 2fw1A, 2gfoA, 2ggtA, 2gmhA, 2h1iA, 2h61A, 2hf1A, 2hh5A, 2hueA, 2i2t4, 2i9wA, 2ibiA, 2iizA, 2iuwA, 2j6eA, 2jimA, 2mhuA, 2mrbA, 2nqcA, 2ok3A, 2oovA, 2pg3A, 2piaA, 2pliA, 2ptzA, 2qa4U, 2qfiB, 2qh1A, 2qscL, 2v4jA, 2v4jB, 2vcfX, 2vzsB, 2z4qB, 2zjp4, 2zncA, 3bb6A, 3byrA, 3c7bA, 3c7bB, 3caoA, 3coqA, 3cytI, 4fxcA, 4kmb1, 5coxA

Subset 9

1a7dA, 1adtA, 1af0A, 1aorA, 1ar5A, 1astA, 1auiA, 1aym1, 1b06A, 1b25A, 1b4eA, 1b4uB, 1b57A, 1b66A, 1bccE, 1bh5A, 1biyA, 1bqbA, 1bqqM, 1bs4A, 1bswA, 1bzsA, 1c7kA, 1cesB, 1cjxA, 1ck1A, 1ck7A, 1cojA, 1cptA, 1cw0A, 1d0cA, 1d7cA, 1ddzA, 1dhyA, 1dj7A, 1dmtA, 1dpeA, 1dt0A, 1dt6A, 1dthA, 1dveA, 1dyqA, 1e1dA, 1e1hA, 1e51A, 1e9xA, 1eb6A, 1ec5A, 1eg9A, 1eh6A, 1ej6C, 1ejeA, 1ekjA, 1elrA, 1elwA, 1espA, 1eu3A, 1eu4A, 1eubA, 1ezmA, 1ezvE, 1f31A, 1f4jA, 1f4tA, 1f5fA, 1f9bA, 1f9zA, 1fb1A, 1fbxA, 1fj3A, 1fnuA, 1fqtA, 1fr9A, 1ftjA, 1fwsA, 1g2dC, 1g5cA, 1g8jB, 1g9kA, 1gkcA, 1glcF, 1gn2A, 1gn9A, 1gvfA, 1gwiA, 1h47A, 1h7nA, 1h9pA, 1h9uA, 1hanA, 1hfeT, 1hi9A, 1hj1A, 1hk7A, 1hovA, 1hp7A, 1hqmD, 1hqrD, 1hr6B, 1hv5A, 1iliP, 1i3qA, 1i3qB, 1i6oA, 1i7wA, 1ia9A, 1iagA, 1ihfB, 1im5A, 1innA, 1is8A, 1isaA, 1iw0A, 1izoA, 1j6wA, 1j6xA, 1j77A, 1j7nB, 1j98A, 1jazA, 1jfbA, 1jizA, 1jmlA, 1jmuG, 1jnfA, 1jzpA, 1jqkA, 1jw9B, 1jwhC, 1k4pA, 1k7gA, 1k9zA, 1kapP, 1kbpA, 1kccqA, 1kufA, 1l6jA, 1l7oA, 1lbuA, 1lfbA, 1lm4A, 1lm6A, 1lmlA, 1lqyA, 1m7vA, 1malA, 1meyC, 1mftA, 1mjgA, 1mjgM, 1mjtA, 1mmmA, 1mpyA, 1mr1C, 1my6A, 1n04A, 1n3uA, 1n40A, 1n5nA, 1n97A, 1nd1A, 1nlxA, 1nsiA, 1ntfA, 1nykA, 1o7dA, 1o7dC, 1o9xA, 1odoA, 1oebA, 1om4A, 1oggA, 1oqjA, 1oyrA, 1p2yA, 1pkfA, 1pq2A, 1ps3A, 1pvwA, 1pxeA, 1q0cA, 1q0gA, 1q3aA, 1q7zA, 1q90C, 1q97B, 1qcoA, 1qhuA, 1qhwA, 1qnnA, 1qomA, 1quaA, 1qwYA, 1r42A, 1r44A, 1r54A, 1r6zP, 1r8qE, 1r9oA, 1rcwA, 1rfsA, 1rj4B, 1rlwA, 1rm8A, 1ru3A, 1rzmA, 1slfA, 1slqA, 1s3mA, 1s4bP, 1sjgA, 1sk7A, 1slmA, 1slwA, 1smyD, 1sp8A, 1sp9A, 1sqiA, 1sr9A, 1su1A, 1su3A, 1t0aA, 1t47A, 1t6uA, 1t71A, 1t8hA, 1t8kA, 1tazA, 1ty2A, 1ul0A, 1u7jA, 1u8vA, 1u96A, 1ue8A, 1uedA, 1ulia, 1umyB, 1unfX, 1uqwA, 1ushA, 1uxaA, 1v5rA, 1v6pA, 1vf5D, 1vjra, 1vliA, 1w0eA, 1wlal, 1wb7A, 1welA, 1wfeA, 1wffA, 1wfhA, 1wflA, 1wfpA, 1wfxA, 1wg2A, 1wm9A, 1wniA, 1wovA, 1wqgA, 1wqlA, 1wvcA, 1ww9A, 1x91A, 1xafA, 1xbnA, 1xlxA, 1xm5A, 1xocA, 1xozA, 1xvxA, 1xx7A, 1xxeA, 1xzwA, 1y13A, 1yloA, 1y4tA, 1y67A, 1y6hA, 1yiwA, 1z01A, 1z8oA, 1znmA, 1zswA, 2a0sA, 2ab3A, 2avuE, 2axtF, 2blxA, 2baiA, 2bj1A, 2bjjX, 2bmoA, 2bymD, 2bz0A, 2c1gA, 2c21A, 2cc0A, 2conA, 2czrA, 2d0tA, 2ddyA, 2dxnA, 2ee8A, 2eiJC, 2el4A, 2el5A, 2elyA, 2elzA, 2em1A, 2em2A, 2em3A, 2em6A, 2em8A, 2em9A, 2emaA, 2emcA, 2emeA, 2emfA, 2emgA, 2emhA, 2emiA, 2emjA,

2emkA, 2emlA, 2emmA, 2empA, 2emvA, 2emwA, 2emyA, 2emzA, 2en0A, 2en1A, 2en2A, 2en3A, 2en4A, 2en6A, 2en7A, 2en9A, 2eneA, 2enfA, 2enhA, 2entA, 2eoeA, 2eofA, 2eohA, 2eojA, 2eokA, 2eolA, 2eonA, 2eooA, 2eopA, 2eoqA, 2eorA, 2eovA, 2eowA, 2eoxA, 2eozA, 2ep0A, 2ep1A, 2ep2A, 2ep3A, 2epuA, 2epvA, 2epwA, 2epxA, 2epzA, 2eq0A, 2eq1A, 2eq2A, 2eq3A, 2eq4A, 2eqwA, 2feaA, 2fgeA, 2fm0A, 2fprA, 2g02A, 2g64A, 2g9hD, 2g9tA, 2gmwA, 2hekA, 2hq2A, 2huoA, 2hylA, 2hzaA, 2i13A, 2i47A, 2ibnA, 2iimA, 2itfA, 2iw0A, 2iy2A, 2j13A, 2nlyA, 2nvuB, 2nw7A, 2o6iA, 2o6pA, 2oc2A, 2osdA, 2pq7A, 2pw6A, 2q6nE, 2qgsA, 2qswA, 2r59A, 2vo9A, 2yrhA, 2yrjA, 2yspA, 2ysvA, 2ytaA, 2ytbA, 2ytdA, 2yteA, 2ytfA, 2ytgA, 2ytjA, 2ytmA, 2ytoA, 2ytqA, 2ytsA, 2yttA, 2yy2A, 2z1aA, 2z45A, 2zqoA, 3b51X, 3bjcA, 3bobA, 3bohA, 3btaA, 3c9fA, 3cghA, 3czhA, 3dlmA, 3d3xA, 3dp8B, 4tssA

Setting B — Leave-k-folds-out

Subset 0

1adnA, 1arpA, 1awpA, 1b85A, 1bfxA, 1bgpA, 1cc1L, 1ccaA, 1dwlA, 1e0eA, 1e7pC, 1ef4A, 1frfL, 1frvB, 1fwqA, 1glcF, 1hkoA, 1i27A, 1i3jA, 1i3qJ, 1i4mA, 1itkA, 1iynA, 1kqfC, 1l1oC, 1lt1A, 1m55A, 1mj4A, 1mzbA, 1nekC, 1odhA, 1pa2A, 1pp7U, 1q16C, 1q68A, 1q69A, 1q74A, 1q90B, 1qwYA, 1qx0A, 1r1vA, 1r22A, 1schA, 1sf8C, 1sj2A, 1u2wA, 1ub2A, 1vf5A, 1w4wA, 1x6mA, 1x7uA, 1xmKA, 2581A, 2an6A, 2atqB, 2axtF, 2c5wB, 2cyeD, 2eikL, 2einD, 2einG, 2fbhA, 2fffbB, 2gnrA, 2jxmB, 2pliA, 2vcfX

Subset 1

1a73A, 1auiA, 1bc6A, 1bluA, 1bn1A, 1bxiB, 1clfA, 1daxA, 1dg6A, 1durA, 1dy0A, 1e87A, 1f2gA, 1fcaA, 1fd8A, 1fe0A, 1fvSA, 1fy2A, 1h0hB, 1h98A, 1io0A, 1iqzA, 1iujA, 1jb0C, 1jnrB, 1k0vA, 1kqkA, 1kvjA, 1mwqA, 1mwzA, 1oebA, 1onsA, 1oq6A, 1ozjA, 1pc4A, 1pcaA, 1pguA, 1ps7A, 1q16B, 1qhwA, 1r9pA, 1rgvA, 1rofA, 1rxqA, 1s3mA, 1s6uA, 1sizA, 1su0B, 1su1A, 1t0bA, 1t71A, 1tlgA, 1u5zA, 1ul4A, 1ul5A, 1uv0A, 1v0dA, 1wFzA, 1wj0A, 1xerA, 1xjsA, 2bzSA, 2dxnA, 2f22A, 2fug9, 2hkvA, 2hylA, 2iimA, 2iizA, 2ou6A, 2qa4U, 2qswA, 7ceiB

Subset 2

1a70A, 1awdA, 1b4eA, 1b55A, 1b57A, 1b9rA, 1bf6A, 1bt0A, 1cesB, 1czpA, 1d8wA, 1doiA, 1e0zA, 1e4mM, 1e51A, 1e6eB, 1e9mA, 1efzA, 1exkA, 1f5fA, 1fjgD, 1frdA, 1frrA, 1fwsA, 1fxiA, 1g01A, 1g73C, 1gaqB, 1gvfA, 1h1zA, 1h7nA, 1h9pA, 1i3oE, 1i6nA, 1i7hA, 1itqA, 1iueA, 1j79A, 1jd4A, 1jq4A, 1l4zB, 1l5pA, 1m4mA, 1nn7A, 1offA, 1oqqA, 1oxnA, 1pfdA, 1pscA, 1q7zA, 1qbhA, 1qtWA, 1r30A, 1r7oA, 1r85A, 1roeA, 1rzmA, 1s1gA, 1sdzA, 1t3kA, 1tqxA, 1tv7A, 1ulhA, 1umyB, 1uw1A, 1vpyA, 1wj2A, 1wriA, 1xb0A, 1xjhA, 1x11A, 1xp3A, 1xwyA, 1y11A, 1yixA, 1zwwA, 1zzmA, 2a31A, 2adaA, 2bgnE, 2c9wB, 2dvtA, 2ebnA, 2f6sA, 2fliA, 2gwgA, 2hbvA, 2pxrC, 2qeeC, 2rawA, 3d9tA, 3eipA, 3kvtA, 4fxcA

Subset 3

1a0bA, 1a3zA, 1a4aA, 1a65A, 1a7dA, 1a7vA, 1aacA, 1adwA, 1ag6A, 1ajbA, 1aozA, 1aq8A, 1b3iA, 1bawA, 1bbhA, 1bq5A, 1bqkA, 1bxuA, 1byoA, 1cc3A, 1cgnA, 1cpqA, 1cuoA, 1cyxA, 1dyzA, 1ei6A, 1ew2A, 1f1mB, 1f56A, 1gqaA, 1gskA, 1gw0A, 1gycA, 1i3qA, 1i3qB, 1ibyA, 1id2A, 1iuzA, 1iwlA, 1j5cA, 1jafA, 1jerA, 1joiA, 1jxgA, 1kbvA, 1kcbA, 1kdiA, 1kyaA, 1lm3B, 1mzzA, 1ndrA, 1nlxA, 1nwoA, 1o7dC, 1ov8A, 1pf3A, 1plaA, 1pmyA, 1py0A, 1q0gA, 1rkrA, 1s05A, 1shnA, 1shwA, 1smyD, 1t6uA, 1tazA, 1v10A, 1w5cA, 1w5cD, 1w5cE, 1w5cT, 1ws7A, 1xlxA, 1xozA, 1xx7A, 2byoA, 2cbpA, 2ccyA, 2fm0A, 2gimA, 2hekA, 2huoA, 2ibnA, 2j5wA, 2o6iA, 2pkgC, 2pltA, 2pq7A, 2qgsA, 2yy2A, 3bjcA, 7pcyA, 9pcyA

Subset 4

1a2pA, 1ah7A, 1ak0A, 1b13A, 1bk0A, 1bq8A, 1cc1S, 1d0qA, 1dcdA, 1drtA, 1dx8A, 1e3dA, 1e5sA, 1ey2A, 1f81A, 1faqA, 1frfS, 1frvA, 1gp5A, 1gqgA, 1gqwA, 1h2aS, 1hb6A, 1hbKA, 1hi9A, 1i3qI, 1i3qL, 1iqbA, 1j1lA, 1j3gA, 1j3qA, 1jj22, 1jj2Y, 1jnxX, 1jr7A, 1jwhC, 1k24A, 1k4pA, 1kbeA, 1l3eB, 1lbaA, 1liqA, 1lr5A, 1m5q1, 1moxD, 1mzeA, 1n0zA, 1nj3A, 1np8B, 1npeB, 1nx4A, 1occF, 1odbA, 1ohtA, 1oiiA, 1pftA, 1pmiA, 1ptqA, 1pvwA, 1q3iA, 1qhuA, 1qwrA, 1qxjA, 1qypA, 1r61B, 1r79A, 1rb9A, 1rdgA, 1rdvA, 1rlwA, 1rlyA, 1ryqA, 1s24A, 1s4cA, 1s721, 1s720, 1tbnA, 1tfiA, 1tq5A, 1ud9A, 1ui0A, 1urjA, 1v5nA, 1vd4A, 1vk2A, 1vr3A, 1vrbA, 1w2aX, 1wa6X, 1wgeA, 1wiiA, 1x4sA, 1xkfA, 1xruA, 1xydA, 1y0zA, 1y3tA, 1yfuA, 1yopA, 1z60A, 1zfpE, 1zrrA, 1zvfA, 2alxA, 2afbA, 2aqcA, 2ayjA, 2be6A, 2bz0A, 2c6aA, 2conA, 2cr8A, 2csgA, 2d40A, 2d8qA, 2dj8A, 2fctA, 2fdjA, 2fk4A, 2fug6, 2g11A, 2gm6A, 2gqeA, 2hvyC, 2iuwA, 2j9uB, 2jgoA, 2jneA, 2jw6A, 2k4xA, 2olqA, 2phdA, 2psrA, 2qh1A, 2zjpY, 3bb6A, 3bu7A, 3cc2Z, 6rxnA

Subset 5

101mA, 155cA, 1a00B, 1a2sA, 1a4fA, 1a4fB, 1a56A, 1a9wE, 1aygA, 1b0bA, 1b7vA, 1binA, 1borA, 1c2nA, 1c6oA, 1c6sA, 1c7mA, 1cc5A, 1cchA, 1ccrA, 1cg5A, 1cg5B, 1ch4A, 1chcA, 1chhA, 1cnoA, 1co6A, 1corA, 1cotA, 1crcA, 1cxA, 1cyiA, 1d8uA, 1diiC, 1dlwA, 1dlyA, 1dvhA, 1dvva, 1dw0A, 1e29A, 1e4uA, 1e8eA, 1eb7A, 1ecaA, 1etpA, 1ew6B, 1flcA, 1flfA, 1fcdC, 1fdhG, 1fhjA, 1fhjB, 1fj0A, 1fp4A, 1fp4B, 1fsxA, 1fsxB, 1g0bA, 1g0bB, 1g25A, 1gcvA, 1gcvB, 1gdvA, 1gksA, 1h1lA, 1h1lB, 1h1oA, 1h32A, 1h32B, 1h97A, 1hbgA, 1hbhA, 1hbhB, 1hbiA, 1hbrA, 1hdsA, 1hdsB, 1hk7A, 1hlbA, 1hlmA, 1hrkA, 1hroA, 1idrA, 1iqcA, 1it2A, 1ithA, 1iymA, 1j3sA, 1jd1A, 1jebA, 1jebB, 1jm7A, 1jm7B, 1kr7A, 1kx2A, 1ld3A, 1lh7A, 1ls9A, 1mbaA, 1mg2D, 1mioA, 1mioB, 1mniA, 1mytA, 1ngkB, 1nmlA, 1olmA, 1or4A, 1outA, 1outB, 1pq4A, 1pszA, 1qn2A, 1qpwA, 1qpwB, 1s69A, 1sctB, 1spgB, 1toaA, 1totA, 1tu9A, 1u6gB, 1umoA, 1ux8A, 1v4uB, 1v4uC, 1v75A, 1v75B, 1v87A, 1vyxA, 1wd2A, 1weoA, 1wimA, 1x9fA, 1x9fB, 1x9fC, 1x9fD, 1xcrA, 1xq5A, 1xq5B, 1xv2A, 1xxeA, 1yebA, 2aa1B, 2c2cA, 2c8sA, 2cs3A, 2ct7A, 2dipA, 2fc7A, 2fw1A, 2g43A, 2h61A, 2idaA, 2pmsC, 2uzgA, 2vhbA, 2vryA, 3cytI

Subset 6

1a6yA, 1a7iA, 1aigL, 1astA, 1aym1, 1b2vA, 1b8tA, 1bh5A, 1bqbA, 1bqqM, 1bswA, 1bzsA, 1c7kA, 1citA, 1cjxA, 1co4A, 1cptA, 1cxA, 1cy5A, 1dhyA, 1dmtA, 1dszA, 1dt6A, 1dthA, 1dxrL, 1dxrM, 1dzuP, 1elhA, 1e9xA, 1eb6A, 1espA, 1eubA, 1eysL, 1eysM, 1eytA, 1ezmA, 1f4tA, 1f62A, 1f9zA, 1fj3A, 1fjgN, 1fp0A, 1g47A, 1g71A, 1gkcA, 1gnfA, 1gt7A, 1gwiA, 1hanA, 1hcqA, 1hlqA, 1hovA, 1hpiA, 1huxA, 1hv5A, 1iliP, 1iagA, 1ibqA, 1ij0A, 1imlA, 1isuA, 1izoA, 1j2oA, 1jazA, 1jdiA, 1jfbA, 1jizA, 1j pzA, 1js2A, 1k61M, 1kb2A, 1kufA, 1lfkA, 1lmlA, 1lo1A, 1lv3A, 1m3vA, 1m9oA, 1mm2A, 1mpyA, 1n40A, 1n97A, 1ndlA, 1nmoA, 1nypA, 1odoA, 1ovxA, 1p2yA, 1p91A, 1pilA, 1pihA, 1pkfA, 1pq2A, 1pzwA, 1q0cA, 1q3aA, 1q9uA, 1quaA, 1r42A, 1r4iA, 1r4oA, 1r54A, 1r9oA, 1rgoA, 1rj4B, 1rm8A, 1rniA, 1rutX, 1slfA, 1slqA, 1s4bP, 1sdwA, 1sp8A, 1sp9A, 1sqiA, 1t47A, 1ue8A, 1uedA, 1uw0A, 1v33A, 1v6gA, 1vfyA, 1vshA, 1w0eA, 1w9hA, 1we9A, 1weeA, 1wemA, 1wepA, 1weqA, 1wesA, 1weuA, 1wevA, 1wewA, 1wfkA, 1wigA, 1wilA, 1wniA, 1wyhA, 1x3hA, 1x4kA, 1x4lA, 1x61A, 1x62A, 1x63A, 1x64A, 1x68A, 1x6aA, 1xc3A, 1xm5A, 1ynwB, 1z8oA, 1zbdB, 1zfoA, 1zswA, 1zt2A, 2aa4A, 2ap1A, 2b9dA, 2c21A, 2c7mA, 2co8A, 2corA, 2cqeA, 2cu8A, 2cupA, 2cuqA, 2curA, 2d8rA, 2d8xA, 2d8yA, 2d8zA, 2darA, 2dasA, 2ddyA, 2dj7A, 2dloA, 2es1A, 2ew1A, 2fc6A, 2gatA, 2gx8A, 2hanA, 2hanB, 2i47A, 2igiA, 2jwoA, 2n11B, 2oc2A, 2ok3A, 2q6nE, 3byrA, 3czhA, 3dl9A, 3d3xA, 3dbyA, 3hipA, 4gatA

Subset 7

12caA, 1a0qH, 1a0qL, 1a1fA, 1aolA, 1azmA, 1bboA, 1bp3B, 1bt1A, 1btgB, 1bzoA, 1cfvL, 1czfA, 1d5iH, 1d7cA, 1ddzA, 1dmxA, 1do5A, 1do6A, 1dvfB, 1e0oB, 1e9oA, 1ef8A, 1ekjA, 1eqwA, 1esoA, 1f18A, 1f2iG, 1fljA, 1freA, 1fu9A, 1fv5A, 1g5cA, 1h14A, 1i6oA, 1ib4A, 1jczA, 1jpuA, 1jw9B, 1k81A, 1klrA, 1kn2L, 1kopA, 1kq3A, 1llmC, 1lpvA, 1ltvA, 1mlwA, 1mnuH, 1mnuL, 1ncsA, 1nr5B, 1o2dA, 1oj7B, 1on3B, 1p7aA, 1pzsA, 1q91A, 1qd0A, 1rhfA, 1rj5A, 1ruqL, 1sm3H, 1sm3L, 1sp1A, 1sp2A, 1srdA, 1srkA, 1t4kB, 1t64A, 1to4A, 1tohA, 1ubdC, 1ulib, 1v6pA, 1v9iC, 1vljA, 1wirA, 1wjpa, 1wjvA, 1x3cA, 1x5wA, 1x6eA, 1x6fA, 1x6hA, 1xf7A, 1xsoA, 1xvhA, 1xx4A, 1yuiA, 1zfdA, 1zncA, 1znfA, 1zpsA, 1zr9A, 1zulA, 2adrA, 2apsA, 2bi4A, 2bmoB, 2c9pA, 2cotA, 2cshA, 2csvA, 2ct1A, 2ct5A, 2ctdA, 2d0tA, 2d8uA, 2d8vA, 2didA, 2djaA, 2dlkA, 2dlqA, 2dmdA, 2dq5A, 2drpA, 2epaA, 2epqA, 2eprA, 2epsA, 2f9yB, 2ghfA, 2gu3A, 2hueA, 2itfA, 2iy2A, 2j6eA, 2nqcA, 2nw7A, 2o6pA, 2pahB, 2qscL, 2vrda, 2vy4A, 2yrkA, 2yt9A, 2z4qB, 2zncA, 3c0yA

Subset 8

1a2iA, 1aqeA, 1aqpA, 1aulB, 1b4uB, 1b66A, 1bavA, 1bp3A, 1bvba, 1cl4A, 1clda, 1cp2A, 1cp7A, 1d9xA, 1de0A, 1dfeA, 1dfsA, 1dftA, 1dmcA, 1dmeA, 1dsqA, 1dsvA, 1dveA, 1dxrC, 1eldA, 1ehjA, 1ek0A, 1elrA, 1elwA, 1eteA, 1eysC, 1f48A, 1f4sP, 1f6uA, 1fbxA, 1feuA, 1fioA, 1fqtA, 1fs9A, 1g8jB, 1gm4A, 1gn9A, 1gu6A, 1gupA, 1gyoA, 1h21A, 1h47A, 1i77A, 1i7wA, 1is8A, 1iw0A, 1j0pA, 1j2tA, 1j51A, 1j5mA, 1j77A, 1ji9A, 1jjdA, 1jm1A, 1jniA, 1jqkA, 1jwqA, 1kcqA, 1keaA, 1kg2A, 1kysA, 1m0gA, 1m0jA, 1mlpA, 1mjgA, 1mjgM, 1ml9A, 1mrba, 1mvhA, 1n3uA, 1ncpN, 1nkuA, 1npeA, 1nykA, 1nzjA, 1obrA, 1ocyA, 1ogyB, 1ohvA, 1ornA, 1os6A, 1ozbI, 1p9rA, 1py2B, 1q71A, 1q90C, 1qdbA, 1qjkA, 1qjlA, 1qn0A, 1r6oA, 1r8qE, 1rcwA, 1rfsA, 1rp0A, 1rtqA, 1ru3A, 1rwjA, 1sjgA, 1sk7A, 1sv1A, 1sx1A, 1t0aA, 1t8hA, 1u6pA, 1v48A, 1w7oA, 1we1A, 1wm9A, 1wovA, 1wppA, 1xafA, 1y13A, 1y23A, 1yw4A,

1z3iX, 1z5rA, 1z84A, 2a0sA, 2abkA, 2afmA, 2aj7B, 2avuE, 2bcoA, 2c1cA, 2cs7A, 2ec7A, 2eikE, 2f9mA, 2g64A, 2gu2A, 2hf1A, 2hq2A, 2i2t4, 2i3cA, 2mhuA, 2mrbA, 2oikA, 2p21B, 2pg3A, 2pw6A, 2q7sA, 2uziR, 2zjp4, 3b51X, 3bobA, 3bohA, 3caoA, 3cghA

Subset 9

1a7tA, 1aazB, 1af2A, 1andA, 1aqbA, 1ar1A, 1bc2A, 1biqA, 1biyA, 1bs4A, 1cw0A, 1cyyA, 1d0cA, 1d2uA, 1d8dB, 1dceB, 1dd6A, 1dj7A, 1dlmA, 1dp6A, 1dpeA, 1e0oA, 1ec5A, 1ej6C, 1ejeA, 1eo2B, 1euoA, 1f30A, 1f37A, 1f4jA, 1f9bA, 1fftA, 1fr9A, 1ftjA, 1fyzA, 1g2dC, 1gkxA, 1gm6A, 1h79A, 1h96A, 1h9uA, 1hfeT, 1hj1A, 1hp7A, 1hqmD, 1hr6B, 1hu8A, 1hw7A, 1i05A, 1ia6A, 1ia9A, 1iauA, 1ibsB, 1iciA, 1ihfB, 1iidA, 1im5A, 1innA, 1j30A, 1j6wA, 1j6xA, 1j8fA, 1j98A, 1jbbqA, 1ji3A, 1ji5A, 1jigA, 1jk0A, 1jmuG, 1jnfA, 1jtkA, 1k8tA, 1k9zA, 1kaeA, 1kgmA, 1l4zA, 1l7oA, 1lm4A, 1lm6A, 1lqyA, 1m2xA, 1m56A, 1m65A, 1m7vA, 1ma3A, 1meyC, 1mftA, 1mhyD, 1mjtA, 1mojA, 1mq0A, 1mr1C, 1n04A, 1n4pB, 1n5nA, 1nf4A, 1nsiA, 1ntfA, 1nw2A, 1o7dA, 1o9rE, 1o9xA, 1occA, 1om4A, 1oo2C, 1oq4A, 1oqqA, 1oqjA, 1ox7A, 1p9eA, 1pxeA, 1q05A, 1q08A, 1q14A, 1q68B, 1q97B, 1qe3A, 1qh3A, 1qomA, 1qrlA, 1qwzA, 1r2fA, 1r44A, 1r5tA, 1r5xA, 1rgqA, 1ro5A, 1s3qG, 1s3zA, 1s5pA, 1s7dA, 1s9aA, 1sgfA, 1slwA, 1smlA, 1sofA, 1syyA, 1t0qA, 1t4wA, 1t8kA, 1tiyA, 1tonA, 1tsrA, 1u10A, 1u7jA, 1u96A, 1uqwA, 1uvhA, 1uxaA, 1uzrA, 1v3wA, 1v5rA, 1v9yA, 1vddA, 1vjrA, 1vk9A, 1vlgA, 1vq2A, 1w1a1, 1w69A, 1wfeA, 1wffA, 1wfhA, 1wflA, 1wfpA, 1wfxA, 1wg2A, 1wn5A, 1wnuA, 1wqgA, 1wvcA, 1wwrA, 1x3wA, 1x9lA, 1xbnA, 1xkiA, 1xm8A, 1xmeA, 1xocA, 1xtoA, 1xvxA, 1y1oA, 1y44A, 1y4tA, 1y6hA, 1yc5A, 1yiwA, 1ykkB, 1z3aA, 1z6oM, 1zabA, 1zeiA, 1zkpA, 1znmA, 1ztcA, 2a8nA, 2ab3A, 2anuA, 2ayiA, 2az4A, 2b3jA, 2b4yA, 2b7jA, 2baiA, 2bjjX, 2bw1A, 2bymD, 2cbnA, 2cc0A, 2ccvA, 2ceiA, 2czrA, 2d30A, 2dkfA, 2e7yA, 2ee8A, 2eijC, 2el4A, 2el5A, 2elyA, 2elzA, 2em1A, 2em2A, 2em3A, 2em6A, 2em8A, 2em9A, 2emaA, 2emcA, 2emeA, 2emfA, 2emgA, 2emhA, 2emiA, 2emjA, 2emkA, 2emlA, 2emmA, 2empA, 2emvA, 2emwA, 2emyA, 2emzA, 2en0A, 2en1A, 2en2A, 2en3A, 2en4A, 2en6A, 2en7A, 2en9A, 2eneA, 2enfA, 2enhA, 2entA, 2eoeA, 2eofA, 2eohA, 2eojA, 2eokA, 2eolA, 2eonA, 2eooA, 2eopA, 2eoqA, 2eorA, 2eovA, 2eowA, 2eoxA, 2eozA, 2ep0A, 2ep1A, 2ep2A, 2ep3A, 2epuA, 2epvA, 2epwA, 2epxA, 2epzA, 2eq0A, 2eq1A, 2eq2A, 2eq3A, 2eq4A, 2eqwA, 2f44A, 2f41B, 2f4mA, 2feaA, 2fgeA, 2fiyA, 2fjcA, 2fprA, 2fweA, 2g02A, 2g84A, 2g9tA, 2gfoA, 2ggT, 2givA, 2glzA, 2gmnA, 2gmwA, 2gyqA, 2h1iA, 2hh5A, 2hjeA, 2hrvA, 2htnA, 2i13A, 2i7tA, 2ibiA, 2itbA, 2iw0A, 2j13A, 2j44A, 2nlyA, 2oh3A, 2osdA, 2q0jA, 2qedA, 2rc4A, 2v2iA, 2v4jC, 2virC, 2vo9A, 2yrhA, 2yrjA, 2yspA, 2ysvA, 2ytaA, 2ytbA, 2ytdA, 2yteA, 2ytfA, 2ytgA, 2ytjA, 2ytmA, 2ytoA, 2ytdA, 2ytsA, 2yttA, 2yz3A, 2z45A, 2zqoA, 3dlmA, 3dgdA, 3dp8B

PDB 2010 data set

2kscA, 2ksuA, 2kuoA, 2kv1A, 2kvfA, 2kvgA, 2kvhA, 2kwoA, 2kwqA, 2kyuA, 2l0bA, 2l0zA, 2l1gA, 2l1uA, 2l3kA, 2l4dA, 2l4lA, 2l5uA, 2l75A, 2rr4A, 2x27X, 2x28A, 2x2nD, 2x3yF, 2x4hC, 2x4kA, 2x5cA, 2x5lA, 2x5rA, 2x5uM, 2x5vC, 2x5vL, 2x5wA, 2x68A, 2x6pC, 2x7kA, 2x7mA, 2x7vA, 2x87A, 2x88A, 2x94A, 2x98A, 2x9pA, 2xaaC, 2xanA, 2xb1C, 2xb4A, 2xbqA, 2xc3A, 2xcfB, 2xcmF, 2xcnB, 2xddA, 2xdqA, 2xdtA, 2xdvA, 2xeiA, 2xejA, 2xeuA, 2xf4A, 2xfhA, 2xgfC, 2xglA, 2xgwA, 2xhlA, 2xi6A, 2xigB, 2xilA, 2xj5A, 2xjKA, 2xjlA, 2xjOF, 2xjzD, 2xkhA, 2xkiA, 2xkrA, 2xl6A, 2xl9A, 2xlaD, 2xldA, 2xlmA, 2xloA, 2xlvA, 2xm0A, 2xm1B, 2xmmB, 2xmtB, 2xmWA, 2xn8A, 2xo6A, 2xozB, 2xp0B, 2xpyA, 2xq0A, 2xqcD, 2xqnT, 2xr1A, 2xr9A, 2xrgA, 2xrxQ, 2xs3A, 2xs4A, 2xsnC, 2xsoC, 2xsrA, 2xsuA, 2xsvA, 2xtsD, 2xumA, 2xv0A, 2xv3B, 2xvzA, 2xwCA, 2xxzA, 2xykA, 2xzn5, 2xzn6, 2xzn9, 2xznN, 2y0fC, 2y0mA, 2y1hB, 2y33A, 3ac1A, 3ad9D, 3adrA, 3aekC, 3aeqC, 3aerC, 3aesC, 3aetB, 3af5A, 3af9X, 3ag1A, 3ag1B, 3ag2F, 3ahnB, 3ahvB, 3aiiA, 3ak9F, 3al0B, 3al6A, 3alaF, 3amzA, 3an1B, 3aoiI, 3l8yA, 3l9eD, 3l9qA, 3l9yB, 3la4A, 3lagB, 3lasA, 3latB, 3lb1B, 3lb8D, 3lc4B, 3ld0g, 3ld6A, 3ld8A, 3ldyA, 3le9A, 3lecA, 3leiA, 3leoA, 3leyH, 3leyL, 3lf5A, 3lfmA, 3lgbB, 3lgdB, 3lghD, 3lgmB, 3li2A, 3lioB, 3lizA, 3lizH, 3ljgA, 3ljmA, 3ljtA, 3ljuX, 3lkmA, 3lkwA, 3l18C, 3l1xA, 3lm4B, 3lm9A, 3lmcA, 3lmhA, 3lmiB, 3lmwA, 3ln1B, 3lnnA, 3lonA, 3lotC, 3loyA, 3lpeH, 3lq0A, 3lqbA, 3lqhA, 3lrqD, 3lrrB, 3ls1A, 3ls6B, 3ls9B, 3lscB, 3lsfE, 3lswA, 3lt9A, 3ltaA, 3ltbA, 3ltvE, 3lu0D, 3lubL, 3lumB, 3lunB, 3luoA, 3luuA, 3lvqE, 3lw5A, 3lw5B, 3lw5C, 3lwuA, 3lx3A, 3lx4B, 3lxeB, 3lxfE, 3lxgA, 3lxiA, 3lxyA, 3ly0A, 3ly2G, 3lyrA, 3lzdB, 3lzeA, 3lzpA, 3m0aD, 3m0nA, 3m15A, 3m1dA, 3m1kA, 3m1mA, 3m1nA, 3m2gA, 3m3bA, 3m3kC, 3m3yA, 3m4cD, 3m4gK, 3m4rA, 3m4wF, 3m52B, 3m5oB, 3m6iA, 3m79C, 3m7nB, 3m7pA, 3m8tA, 3m97X, 3m99D, 3m9eE, 3m9gA, 3m9s1, 3m9s2, 3m9s3, 3m9s6, 3m9sG, 3ma2D, 3maoA, 3maxA, 3mbgA, 3mbjA, 3mbmA, 3mcxA, 3mdbD, 3mdvB, 3mdzA, 3mekA, 3menA, 3meqC, 3mf2B, 3mgqH, 3mgxA, 3mhhA, 3mhhC, 3mhhE, 3mhkA, 3mhmA, 3mhxA, 3mi3B, 3mi9C, 3miaB, 3mibA, 3miuB, 3mj5B, 3mjhB, 3mjnA, 3mjpA, 3mjpB, 3mjuA, 3mjuB, 3mk0A, 3mk7A, 3mk7B, 3mk7C, 3mkbA, 3mkbB, 3mkvE, 3ml0B, 3mlpF, 3mm5D, 3mm9B, 3mmoB, 3mmuD, 3mn0A, 3mn8C, 3mnhA, 3mniA, 3mnjA, 3mnkA, 3mo5A, 3mp2A, 3mpgA, 3mphA, 3mpuB, 3mpzD, 3mruB, 3msuB, 3mtnC, 3mtwA, 3mvcB, 3mvfA, 3mviB, 3mvrA, 3mx2B, 3myrC, 3mz6A, 3mz8A, 3mzsD, 3mztE, 3n0iB, 3n0qA, 3n0wA, 3n1fA, 3n1qA, 3n1rA, 3n1xA, 3n1yA, 3n1zA, 3n20A, 3n2cE, 3n30A, 3n38A, 3n3kA, 3n3oA, 3n3pB, 3n3qB, 3n3rB, 3n3sA, 3n3uA, 3n56B, 3n5nY, 3n6wA, 3n71A, 3n9hC, 3n9sA, 3n9tA, 3na0A, 3na0D, 3na7A, 3na9H, 3nabH, 3nach, 3nbbjB, 3nbsB, 3nc6A, 3ncjH, 3ncuA, 3ndjA, 3ne7A, 3ne8A, 3nehA, 3nf3A, 3nfeD, 3ng2B, 3ng6A, 3ngjC, 3nh4A, 3nh8A, 3nheA, 3nijA, 3nitA, 3niuA, 3njyB, 3nkoA, 3nl7B, 3nleB, 3nlhA, 3nljB, 3nlkA, 3nlqA, 3nm0B, 3nmiA, 3nmmA, 3nn1E, 3nn3C, 3nn4B, 3nniA, 3nnlA, 3nnqB, 3no4A, 3no5A, 3noyB, 3npeA, 3nplA, 3nq5A, 3nqsB, 3ntbA, 3ntmA, 3nu1A, 3nv6A, 3nvrB, 3nvuB, 3nvwJ, 3nw0A, 3nxuB, 3ny0B, 3ny1A, 3ny2E, 3nybB, 3nzKA, 3o00A, 3o02A, 3o0fA, 3o0mB, 3o0rB, 3o0rC, 3o14A, 3o1aA, 3o1sA, 3o33D, 3o47A, 3o70A, 3o7aA, 3o8rB, 3o8yA, 3o90C, 3o91B, 3o94C, 3o9xA, 3oa4A, 3oajA, 3oaxB, 3obzA, 3ocaA, 3ocqA, 3od2B, 3od8C, 3odaH, 3odcB, 3odqA, 3odqD, 3oeoC, 3og8A, 3ogbA, 3oghB, 3ogwA, 3ohiA, 3ohrA, 3ohyD, 3oi2N, 3oj3I, 3oj6A, 3ojgA, 3ojtB, 3ol9A, 3omeE, 3omfA, 3oo3A, 3ooiA, 3opeA, 3optA, 3oq6A, 3oqrA, 3or1B, 3or1C, 3or1D, 3or2A, 3or2F, 3oruA, 3orvA, 3os1A, 3oueA, 3ouhA, 3ov0A, 3ovgA, 3oyeA, 3oyjA, 3oykA, 3oynA, 3oypB, 3oz1A, 3p0qC, 3p1mE,

3p1vA, 3p24C, 3p2aC, 3p2uA, 3p3eA, 3p3nA, 3p4qB, 3p5vA, 3p5wA, 3p6tA, 3p7sE, 3p8bC,
3panA, 3pc4A, 3pd8C, 3pdhA, 3pdiE, 3pdnA, 3pelA, 3pelB, 3pfeA, 3pfoA, 3pfsB, 3pi8D,
3pi9C, 3pk1A, 3pkjE, 3pl1A, 3plwA, 3pm0A, 3pm6B, 3pnuA, 3poaA, 3pq5A, 3ps2A, 3psoB,
3psqB, 3pt6B, 3pt9A, 3ptaA, 3purC, 3pusA, 3pw3C, 3pzwA, 3q08D