

# 1 Report of PCAWG objects

	Cancer_type	Feature_type	Number.of.samples	Number.of.features	Sum.of.features.for.group.1	Sum.of.features.for.group.2	sum_all_ct
1	Biliary-AdenoCA	nu-cleotidesubstitution1	15.00	6.00	31708, 10657, 95289, 23511, 85704, 11819	7148, 3094, 16771, 5196, 13878, 3056	1854.00
2	Biliary-AdenoCA	nu-cleotidesubstitution3	15.00	96.00	1877, 1438, 227, 1624, 720, 496, 111, 921, 6704, 3153, 11597, 3308, 3069, 286..., 23265.3990159484, 6335.28556545343, 129.905521239188, 946.246316321856, 6246....	552, 369, 77, 411, 259, 164, 41, 240, 1336, 550, 1672, 651, 501, 428, 271, 73..., 3278.11921199857, 1682.22358160167, 73.4372680276237, 183.531608209343, 681.7...	1854.00
3	Biliary-AdenoCA	signatures	15.00	67.00			1854.00
4	Bladder-TCC	nu-cleotidesubstitution1	9.00	6.00	11247, 23297, 36661, 4894, 10328, 2397	4316, 8187, 15153, 1945, 3241, 1200	1854.00
5	Bladder-TCC	nu-cleotidesubstitution3	9.00	96.00	864, 564, 138, 492, 364, 221, 59, 395, 1115, 570, 1678, 785, 463, 264, 301, 5...	332, 238, 47, 213, 162, 71, 27, 164, 471, 225, 651, 282, 170, 110, 118, 263, ...	1854.00
6	Bladder-TCC	signatures	9.00	67.00	3850.16917289413, 19223.2271315855, -1.91668633071992e-12, 1589.77619536001, ...	1392.31651751711, 8469.72805991824, 114.147357111078, 420.570288846855, 1008....	1854.00
7	Bone-Benign	nu-cleotidesubstitution1	5.00	6.00	485, 166, 954, 422, 375, 201	356, 109, 607, 260, 297, 150	1854.00
8	Bone-Benign	nu-cleotidesubstitution3	5.00	96.00	65, 57, 11, 58, 18, 8, 6, 16, 99, 31, 123, 61, 32, 31, 34, 46, 53, 18, 32, 58...	62, 40, 6, 33, 10, 4, 4, 5, 58, 26, 86, 41, 33, 16, 20, 23, 53, 9, 23, 36, 10...	1854.00
9	Bone-Benign	signatures	5.00	67.00	272.633178022064, 6.8949703243094, 4.25411415211175e-13, -5.7362876998306e-13...	185.900784176247, 18.3022252942639, 20.3498574229508, 10.5184717476863, 38.64...	1854.00
10	Bone-Epith	nu-cleotidesubstitution1	6.00	6.00	2055, 1675, 4598, 1603, 2404, 899	752, 432, 1403, 608, 1010, 555	1854.00
11	Bone-Epith	nu-cleotidesubstitution3	6.00	96.00	218, 176, 22, 182, 94, 58, 18, 96, 270, 130, 489, 158, 173, 98, 97, 168, 289....	82, 66, 10, 57, 36, 27, 5, 38, 91, 50, 126, 77, 75, 47, 45, 67, 92, 35, 41, 1...	1854.00
12	Bone-Epith	signatures	6.00	67.00	1115.38625439732, 1256.17947460705, 338.427340519909, 4.47761830220823e-13, 5...	254.257374881263, 172.048594645656, 237.956131105912, 2.14435506428417, 29.52...	1854.00
13	Bone-Osteosarc	nu-cleotidesubstitution1	27.00	6.00	16765, 11412, 24999, 12860, 16676, 8919	6890, 4496, 10281, 4750, 6866, 3728	1854.00
14	Bone-Osteosarc	nu-cleotidesubstitution3	27.00	96.00	1686, 1259, 225, 1467, 858, 481, 164, 894, 2018, 1048, 1810, 1357, 801, 518, ...	673, 433, 78, 546, 353, 189, 97, 331, 746, 368, 576, 574, 306, 217, 213, 406,...	1854.00
15	Bone-Osteosarc	signatures	27.00	67.00	3087.16399731988, 2747.55749753469, 4560.40299034362, 28.6361005032861, 728.8...	827.166228306351, 1412.52387935667, 597.641686142282, 63.8685867690686, 93.61...	1854.00
16	Breast-AdenoCA	nu-cleotidesubstitution1	136.00	6.00	102333, 109936, 197258, 62235, 79343, 40654	56188, 77621, 126098, 33510, 43220, 25667	1854.00
17	Breast-AdenoCA	nu-cleotidesubstitution3	136.00	96.00	9831, 7910, 1287, 7413, 5454, 3377, 1368, 5709, 9906, 5161, 15766, 7683, 4141...	5028, 3863, 594, 3756, 3149, 1902, 812, 3180, 5323, 2514, 6708, 4021, 2353, 1...	1854.00
18	Breast-AdenoCA	signatures	136.00	67.00	33782.5073769357, 60519.3153150691, 43994.423064049, 1057.49110358632, 24947....	13063.7562425675, 59489.4923173392, 19659.484697551, 1061.102147616, 3989.171...	1854.00
19	Breast-DCIS	nu-cleotidesubstitution1	2.00	6.00	546, 225, 1193, 351, 558, 213	233, 96, 431, 121, 188, 88	1854.00
20	Breast-DCIS	nu-cleotidesubstitution3	2.00	96.00	48, 53, 8, 40, 17, 16, 7, 14, 60, 44, 142, 50, 26, 33, 33, 45, 80, 37, 39, 80...	36, 21, 6, 18, 9, 7, 2, 6, 25, 13, 51, 21, 6, 10, 11, 10, 20, 9, 12, 19, 2, 0...	1854.00
21	Breast-DCIS	signatures	2.00	67.00	315.928195789719, 97.2931650999246, 202.647807661729, -3.04916636196287e-13, ...	110.640043875143, 18.2712544543606, 76.2233628074865, 35.6127566134672, 87.19...	1854.00
22	Breast-LobularCA	nu-cleotidesubstitution1	8.00	6.00	5483, 16385, 27590, 1577, 2558, 899	2009, 7298, 8956, 605, 848, 374	1854.00
23	Breast-LobularCA	nu-cleotidesubstitution3	8.00	96.00	288, 205, 43, 185, 157, 85, 37, 165, 471, 210, 841, 245, 129, 141, 128, 172, ...	115, 82, 18, 56, 77, 44, 20, 77, 162, 73, 246, 95, 48, 53, 52, 52, 97, 41, 66...	1854.00
24	Breast-LobularCA	signatures	8.00	67.00	1967.44457663833, 21139.0955080961, 4.34132834781002, 14.5210517100428, 2177....	567.884677256106, 6786.17183874461, 42.0353641258717, 13.5266998020772, 184.3...	1854.00
25	Cervix-AdenoCA	nu-cleotidesubstitution1	2.00	6.00	1004, 676, 3594, 372, 688, 200	268, 113, 825, 143, 208, 88	1854.00

26	Cervix-AdenoCA	nu-cleotidesubstitution3	2.00	96.00	102, 55, 12, 55, 16, 21, 12, 17, 108, 59, 502, 96, 29, 23, 17, 64, 72, 33, 44, 1183.27611742386, 1015.81065139978, -1.28021207936864e-12, 3.08837207692665e-...	19, 15, 4, 15, 8, 4, 4, 6, 33, 14, 130, 21, 6, 10, 9, 17, 24, 11, 9, 11, 5, 1...	1854.00
27	Cervix-AdenoCA	signatures	2.00	67.00	300.957653425067, 86.53603935672, -1.89404968212677e-13, -9.54024491611131e-1...		1854.00
28	Cervix-SCC	nu-cleotidesubstitution1	16.00	6.00	9432, 16150, 33724, 4204, 6292, 2374	3942, 9697, 15700, 1838, 2612, 1041	1854.00
29	Cervix-SCC	nu-cleotidesubstitution3	16.00	96.00	791, 454, 111, 520, 327, 190, 118, 340, 1014, 564, 2700, 739, 312, 258, 267, 6003.54063689202, 15679.5768912425, 120.462065300687, 25.5812161351638, 2470....	259, 170, 36, 206, 202, 91, 43, 171, 400, 213, 857, 281, 140, 108, 117, 257, ...	1854.00
30	Cervix-SCC	signatures	16.00	67.00	1924.32211718459, 9137.67604748009, 81.5275955273514, 54.0575534644598, 479.4...		1854.00
31	CNS-GBM	nu-cleotidesubstitution1	34.00	6.00	24392, 12080, 79747, 20246, 28954, 8645	11416, 5690, 193921, 8988, 14027, 3817	1854.00
32	CNS-GBM	nu-cleotidesubstitution3	34.00	96.00	2878, 2463, 328, 2645, 1369, 693, 179, 1405, 3909, 1791, 22569, 2682, 1507, 9... 53722.395685486, 982.274782199956, 8032.54943302977, -2.59674061573124e-11, 1...	1210, 1037, 127, 1124, 612, 375, 90, 599, 6154, 20738, 7011, 16245, 681, 397.... 14233.9627236758, 5137.78331043576, 3210.2869595515, 99.484600875727, 289.604...	1854.00
33	CNS-GBM	signatures	34.00	67.00			1854.00
34	CNS-Medullo	nu-cleotidesubstitution1	106.00	6.00	17235, 7311, 40746, 9389, 15202, 4779	9973, 5020, 20581, 5755, 9501, 3105	1854.00
35	CNS-Medullo	nu-cleotidesubstitution3	106.00	96.00	1729, 1378, 217, 1191, 1028, 577, 209, 802, 2179, 1188, 8132, 1614, 677, 477.... 19473.4736075548, 604.483949094173, 1174.13623059921, 264.081637984501, 845.4...	1062, 727, 125, 664, 743, 387, 133, 548, 1269, 657, 3529, 893, 450, 294, 312.... 8167.9353243652, 351.807681861559, 248.026445823009, 298.193494944641, 776.80...	1854.00
36	CNS-Medullo	signatures	106.00	67.00			1854.00
37	CNS-Oligo	nu-cleotidesubstitution1	15.00	6.00	3097, 1842, 11182, 2674, 6622, 1490	1539, 823, 5875, 1215, 3065, 694	1854.00
38	CNS-Oligo	nu-cleotidesubstitution3	15.00	96.00	415, 347, 51, 350, 224, 132, 17, 226, 575, 299, 2161, 430, 268, 159, 167, 260... 5126.88905736351, 103.634612189594, 13.2265522430431, -3.02190816308251e-12, ...	197, 157, 23, 165, 94, 66, 11, 86, 325, 158, 1079, 212, 129, 86, 75, 120, 357... 2560.34978285385, 103.382209507906, 143.422630394916, 6.5587090968034e-13, 26...	1854.00
39	CNS-Oligo	signatures	15.00	67.00			1854.00
40	CNS-PiloAstro	nu-cleotidesubstitution1	42.00	6.00	693, 312, 2514, 503, 1005, 257	1000, 414, 2941, 753, 1281, 372	1854.00
41	CNS-PiloAstro	nu-cleotidesubstitution3	42.00	96.00	75, 72, 12, 61, 36, 15, 17, 38, 162, 59, 523, 86, 44, 29, 30, 53, 126, 42, 77... 1258.98674348096, 55.6489881974731, 19.4888084531813, 11.1663101349811, 44.09...	130, 97, 17, 109, 47, 23, 13, 33, 161, 91, 416, 104, 69, 38, 64, 69, 174, 67... 931.474566961833, 71.7328520114922, 69.5203805748062, 66.0956734122494, 106.7...	1854.00
42	CNS-PiloAstro	signatures	42.00	67.00			1854.00
43	ColoRect-AdenoCA	nu-cleotidesubstitution1	37.00	6.00	1065268, 26616, 656012, 71060, 320700, 595450	1137079, 19165, 561617, 67491, 399462, 780714	1854.00
44	ColoRect-AdenoCA	nu-cleotidesubstitution3	37.00	96.00	12072, 10664, 1091, 27438, 3059, 1638, 280, 3024, 10598, 11158, 46824, 17602.... 65329.7620929798, 7900.78680597273, 2.1501559835312e-10, -3.54528434780563e-1...	6698, 7115, 733, 34697, 2233, 1236, 210, 2260, 8038, 10211, 24502, 16972, 367... 13702.1023818585, 8131.52084664726, 1.55350268244454e-10, 71.26650177996, 215...	1854.00
45	ColoRect-AdenoCA	signatures	37.00	67.00			1854.00
46	Eso-AdenoCA	nu-cleotidesubstitution1	65.00	6.00	127271, 51688, 202501, 100316, 221397, 349514	77347, 38979, 131812, 56101, 106263, 153940	1854.00
47	Eso-AdenoCA	nu-cleotidesubstitution3	65.00	96.00	12213, 6829, 1072, 7239, 3777, 2321, 666, 4229, 10636, 5701, 26110, 8157, 471... 54680.9888833264, 21050.9584386567, 523.758528548971, 2.66176731934127e-11, 1...	7428, 4222, 678, 4628, 2558, 1506, 565, 2792, 7136, 3661, 14430, 5451, 2889, ... 29457.2957528153, 20674.7117826262, 343.427202505903, 438.520377777157, 11258...	1854.00
48	Eso-AdenoCA	signatures	65.00	67.00			1854.00
49	Head-SCC	nu-cleotidesubstitution1	32.00	6.00	54802, 83020, 140484, 27094, 35653, 14709	16784, 28222, 49282, 8665, 11900, 5878	1854.00
50	Head-SCC	nu-cleotidesubstitution3	32.00	96.00	4530, 2608, 624, 2758, 2022, 1115, 423, 2323, 4300, 2555, 6562, 3355, 2522, 1... 12852.6025869812, 70367.6842496578, 1162.92795400683, 9415.69828177657, 5394....	1350, 740, 156, 856, 731, 368, 154, 766, 1516, 816, 2432, 1092, 672, 465, 488... 4914.08924169728, 25658.0598087451, 1909.5969787338, 277.065628628594, 863.52...	1854.00
51	Head-SCC	signatures	32.00	67.00			1854.00
52	Kidney-ChRCC	nu-cleotidesubstitution1	38.00	6.00	6581, 3953, 14153, 3943, 5683, 3241	5919, 2983, 13429, 3550, 4943, 3255	1854.00
53	Kidney-ChRCC	nu-cleotidesubstitution3	38.00	96.00	941, 568, 108, 544, 307, 183, 59, 351, 810, 432, 2343, 561, 387, 255, 324, 34... 5436.00747142877, 868.310797854879, 2257.51006804321, 405.375430232798, 1447....	872, 474, 91, 451, 265, 143, 63, 242, 646, 387, 2503, 527, 317, 204, 283, 338... 5801.31310937803, 562.828739474715, 1274.17896218364, 342.238552568846, 239.0...	1854.00
54	Kidney-ChRCC	signatures	38.00	67.00			1854.00

55	Kidney-RCC.clearcell	nu-cleotidesubstitution1	86.00	6.00	79755, 43304, 106472, 93346, 69569, 39892	29211, 14817, 40284, 29463, 21734, 11075	1854.00
56	Kidney-RCC.clearcell	nu-cleotidesubstitution3	86.00	96.00	9873, 4933, 1070, 5318, 3956, 2630, 722, 4441, 7904, 4520, 8295, 6406, 7872, ..., 18037.301938108, 1859.36714201358, 3322.64219011167, 8736.01316433894, 1610.0...	3989, 1822, 397, 1877, 1589, 911, 262, 1330, 2782, 1594, 3738, 2163, 2657, 92, ..., 7652.78267084567, 1212.98036888003, 3366.19193324173, 3340.12514261013, 657.2...	1854.00
57	Kidney-RCC.clearcell	signatures	86.00	67.00			1854.00
58	Kidney-RCC.papillary	nu-cleotidesubstitution1	30.00	6.00	21259, 15798, 32767, 20276, 25892, 17065	5429, 3703, 9593, 3912, 5751, 3014	1854.00
59	Kidney-RCC.papillary	nu-cleotidesubstitution3	30.00	96.00	2256, 1236, 271, 1451, 1168, 961, 226, 1709, 2528, 1436, 2078, 2098, 1497, 76..., 4450.63124050123, 1337.95044141494, 1068.26319467467, 88.4020408682784, 1587....	540, 375, 83, 372, 298, 185, 64, 333, 664, 379, 903, 490, 345, 191, 246, 420, ..., 1946.11317569171, 1157.42022224246, 1721.58680884854, 295.9611456123, 652.017...	1854.00
60	Kidney-RCC.papillary	signatures	30.00	67.00			1854.00
61	Liver-HCC	nu-cleotidesubstitution1	207.00	6.00	378482, 133729, 448007, 278339, 667430, 122636	116079, 44796, 133375, 97596, 165501, 39011	1854.00
62	Liver-HCC	nu-cleotidesubstitution3	207.00	96.00	37099, 24969, 5957, 23315, 10684, 6613, 1783, 12345, 34022, 17850, 22428, 229..., 34177.371610163, 18599.0562281778, 62433.0776275653, 118296.61969812, 41964.3...	10462, 7819, 1454, 6986, 3639, 2351, 576, 3958, 9841, 5363, 6308, 6741, 8521, ..., 8729.27361090133, 6816.00758221106, 31888.0223328352, 27777.0103900263, 8361....	1854.00
63	Liver-HCC	signatures	207.00	67.00			1854.00
64	Lung-AdenoCA	nu-cleotidesubstitution1	17.00	6.00	84217, 27462, 50984, 25766, 23707, 11368	23204, 15133, 33878, 9522, 12162, 12953	1854.00
65	Lung-AdenoCA	nu-cleotidesubstitution3	17.00	96.00	7623, 4791, 1693, 4989, 1923, 917, 324, 1498, 3211, 1485, 2606, 1884, 1955, 9..., 4312.76857351021, 12521.5487518205, 2413.42502332668, 79924.9564211879, 2827....	2051, 1366, 381, 1311, 620, 323, 118, 577, 1362, 665, 1437, 844, 641, 416, 63..., 2589.91088098383, 17309.0676984335, 641.041891128399, 14960.2794380372, 571.7...	1854.00
66	Lung-AdenoCA	signatures	17.00	67.00			1854.00
67	Lung-SCC	nu-cleotidesubstitution1	34.00	6.00	341617, 141834, 207863, 124123, 146834, 37810	67052, 44446, 62665, 27885, 32664, 12340	1854.00
68	Lung-SCC	nu-cleotidesubstitution3	34.00	96.00	31727, 18373, 7165, 19728, 10174, 4630, 2163, 7524, 14965, 7038, 6918, 9240, ..., 5284.47432801545, 46408.5174776554, 2258.80965858908, 307368.801840694, 3355....	6160, 3990, 1170, 3878, 2333, 1193, 666, 2000, 3576, 1723, 2440, 2432, 2148, ..., 3590.42247514167, 21008.3669518586, 5515.57210401424, 44482.5695998976, 1180....	1854.00
69	Lung-SCC	signatures	34.00	67.00			1854.00
70	Lymph-BNHL	nu-cleotidesubstitution1	51.00	6.00	45838, 21361, 92833, 43857, 76409, 80569	10010, 4779, 20653, 10960, 19033, 19129	1854.00
71	Lymph-BNHL	nu-cleotidesubstitution3	51.00	96.00	4090, 3325, 412, 3205, 2360, 1233, 299, 2445, 7049, 3549, 9542, 4917, 4143, 2..., 18968.4128354178, 3098.80254257847, 1397.1840786762, 28.2888485268797, 22488....	913, 735, 97, 657, 471, 292, 74, 553, 1553, 863, 1639, 1010, 1033, 546, 559, ..., 2785.47138408916, 862.122022449951, 610.345507879906, 49.9955044491976, 1793....	1854.00
72	Lymph-BNHL	signatures	51.00	67.00			1854.00
73	Lymph-CLL	nu-cleotidesubstitution1	53.00	6.00	13002, 5129, 26586, 11620, 18434, 9829	7525, 3062, 15659, 7591, 9861, 3133	1854.00
74	Lymph-CLL	nu-cleotidesubstitution3	53.00	96.00	1425, 1067, 198, 1051, 596, 370, 83, 479, 1796, 1103, 3699, 1265, 1098, 879, ..., 8102.31966354739, 313.243843604807, 1182.21871202236, 82.7231197032934, 6337....	1072, 663, 137, 588, 372, 244, 46, 277, 1103, 617, 1906, 733, 753, 605, 728, ..., 3933.20507477098, 227.929116280559, 1205.05344424519, 72.5071139182542, 3504....	1854.00
75	Lymph-CLL	signatures	53.00	67.00			1854.00
76	Myeloid-AML	nu-cleotidesubstitution1	8.00	6.00	1155, 476, 3776, 711, 1215, 335	1019, 225, 1789, 453, 643, 187	1854.00
77	Myeloid-AML	nu-cleotidesubstitution3	8.00	96.00	112, 83, 9, 70, 73, 12, 8, 36, 236, 149, 488, 185, 48, 55, 42, 64, 146, 39, 1..., 1129.92868512001, 0.603188983673472, 7.13867893825946e-14, 0.336934260591716....	92, 49, 8, 47, 34, 19, 9, 27, 73, 46, 291, 59, 25, 17, 20, 44, 61, 32, 35, 51..., 662.487131925736, 22.0891660067274, 4.61015669083346e-13, 5.20988757147899, -...	1854.00
78	Myeloid-AML	signatures	8.00	67.00			1854.00
79	Myeloid-MPN	nu-cleotidesubstitution1	19.00	6.00	1287, 772, 6189, 1004, 2022, 665	1603, 805, 5436, 1386, 2189, 969	1854.00
80	Myeloid-MPN	nu-cleotidesubstitution3	19.00	96.00	201, 100, 10, 90, 116, 57, 16, 75, 450, 260, 933, 349, 106, 103, 88, 92, 260, ..., 2103.14910923093, 24.2170896216592, 121.199546585739, 17.0471777353132, 848.4...	242, 136, 18, 104, 140, 55, 22, 93, 375, 193, 906, 296, 149, 125, 93, 152, 24..., 2013.05853307215, 45.7030081327688, 72.3441766702624, 13.3393319033685, 393.8...	1854.00
81	Myeloid-MPN	signatures	19.00	67.00			1854.00
82	Ovary-AdenoCA	nu-cleotidesubstitution1	97.00	6.00	124081, 92075, 163415, 88479, 111234, 49316	45375, 38371, 56995, 33963, 41794, 19838	1854.00
83	Ovary-AdenoCA	nu-cleotidesubstitution3	97.00	96.00	14043, 11390, 1631, 10718, 7887, 4246, 1832, 7817, 12059, 6450, 15797, 10581,...	4822, 4137, 577, 3804, 3074, 1739, 958, 2947, 4213, 2173, 4579, 3941, 2027, 1...	1854.00

84	Ovary-AdenoCA	signatures	97.00	67.00	31749.7656822093, 9336.00003639141, 77246.0741436906, 2269.770205119, 44988.0...	8299.34309868655, 5859.61884300338, 21140.5279266568, 1157.67415422567, 9498....	1854.00
85	Panc-AdenoCA	nu- cleotidesub- stitution1	193.00	6.00	136960, 72755, 339695, 94677, 136853, 63302	78308, 43746, 155856, 52446, 82252, 46313	1854.00
86	Panc-AdenoCA	nu- cleotidesub- stitution3	193.00	96.00	13506, 11403, 1449, 9670, 5041, 3165, 836, 5252, 16041, 8327, 57744, 11566, 7...	7380, 5309, 791, 5202, 3133, 1867, 667, 3139, 7973, 3920, 20678, 5835, 3701, ...	1854.00
87	Panc-AdenoCA	signatures	193.00	67.00	139626.405073023, 28924.6063549603, 26290.3828812139, 1111.19622954746, 51889...	46978.956887415, 21905.9459294641, 12084.2279285786, 1253.59627675103, 12516....	1854.00
88	Panc-Endocrine	nu- cleotidesub- stitution1	70.00	6.00	30379, 10745, 37445, 13098, 20270, 6537	35736, 10295, 35019, 11689, 16568, 5258	1854.00
89	Panc-Endocrine	nu- cleotidesub- stitution3	70.00	96.00	2376, 1660, 249, 1656, 852, 603, 137, 832, 2478, 1441, 3739, 1692, 1190, 850,...	2331, 1450, 245, 1639, 793, 545, 141, 726, 2172, 1200, 2589, 1477, 1311, 800,...	1854.00
90	Panc-Endocrine	signatures	70.00	67.00	7105.14149752684, 2248.46423703667, 3992.59241250701, 896.58933753144, 9944.0...	3851.76110730804, 5017.71853350075, 2030.94163532671, 659.383311250143, 4340....	1854.00
91	Prost-AdenoCA	nu- cleotidesub- stitution1	208.00	6.00	101699, 45409, 183941, 61779, 86341, 39992	59214, 26308, 114603, 39176, 54577, 23929	1854.00
92	Prost-AdenoCA	nu- cleotidesub- stitution3	208.00	96.00	11498, 8082, 1454, 7664, 4019, 2730, 710, 4184, 10737, 5626, 29234, 7704, 522...	6464, 4377, 806, 4287, 2450, 1590, 410, 2456, 6111, 3015, 18943, 4314, 3505, ...	1854.00
93	Prost-AdenoCA	signatures	208.00	67.00	67832.9632532681, 6226.82267059393, 14026.4919222897, 5650.25406655612, 21112...	43352.8994944312, 4232.88916544656, 6342.84414893218, 3444.44779293949, 3096....	1854.00
94	Skin-Melanoma.acral	nu- cleotidesub- stitution1	15.00	6.00	17962, 9591, 37479, 8717, 14971, 10754	7634, 4216, 16385, 3962, 5691, 4439	1854.00
95	Skin-Melanoma.acral	nu- cleotidesub- stitution3	15.00	96.00	1338, 895, 123, 853, 968, 633, 149, 789, 1477, 1042, 2052, 1303, 743, 510, 50...	621, 412, 50, 369, 408, 251, 55, 347, 582, 472, 714, 544, 314, 192, 221, 420,...	1854.00
96	Skin-Melanoma.acral	signatures	15.00	67.00	3922.66121726925, 3639.46966247448, 2057.78103485071, 11.8998250806296, 1141....	1378.5086481684, 1803.97180734069, 1719.44865158198, 8.92385143193391, 260.26...	1854.00
97	Skin-Melanoma.cutaneous	nu- cleotidesub- stitution1	30.00	6.00	46622, 24891, 1918858, 104954, 110358, 50566	14049, 7144, 308414, 19546, 23963, 10553	1854.00
98	Skin-Melanoma.cutaneous	nu- cleotidesub- stitution3	30.00	96.00	3513, 1978, 326, 2081, 1916, 1269, 511, 2271, 4426, 39731, 3843, 19775, 10053...	995, 561, 85, 596, 672, 397, 102, 648, 2373, 6906, 1718, 3705, 1800, 668, 679...	1854.00
99	Skin-Melanoma.cutaneous	signatures	30.00	67.00	3967.75260516287, 32770.9264766432, 978.901998002976, 2.73466525044391e-10, -...	2632.96755292303, 7794.4939761108, 105.139852515569, 129.416336221737, 8.5987...	1854.00
100	Skin-Melanoma.mucosal	nu- cleotidesub- stitution1	-	-	-	-	1854.00
101	Skin-Melanoma.mucosal	nu- cleotidesub- stitution3	-	-	-	-	1854.00
102	Skin-Melanoma.mucosal	signatures	-	-	-	-	1854.00
103	SoftTissue-Leiomyo	nu- cleotidesub- stitution1	15.00	6.00	8328, 5434, 14014, 6122, 8927, 3204	7367, 4667, 11042, 5345, 6508, 2686	1854.00
104	SoftTissue-Leiomyo	nu- cleotidesub- stitution3	15.00	96.00	961, 733, 115, 747, 463, 256, 71, 430, 1087, 550, 1623, 711, 447, 322, 431, 5...	778, 561, 80, 622, 374, 190, 90, 363, 909, 484, 799, 607, 320, 245, 330, 436,...	1854.00
105	SoftTissue-Leiomyo	signatures	15.00	67.00	3427.75513487984, 740.093491575406, 1127.06155263873, 200.506613508019, 2635....	1419.53028422913, 804.757972135136, 2369.16495072182, 162.915592598199, 101.8...	1854.00
106	SoftTissue-Liposarc	nu- cleotidesub- stitution1	15.00	6.00	8930, 6717, 18460, 6389, 7481, 2714	5378, 3672, 8494, 3938, 4457, 2017	1854.00
107	SoftTissue-Liposarc	nu- cleotidesub- stitution3	15.00	96.00	1007, 737, 129, 844, 475, 224, 61, 479, 1332, 601, 1693, 882, 436, 421, 476, ...	552, 412, 50, 528, 299, 146, 53, 298, 653, 253, 733, 441, 264, 197, 239, 376,...	1854.00
108	SoftTissue-Liposarc	signatures	15.00	67.00	3656.86610120355, 2940.86879630254, 1149.85411795493, 78.7672370977543, 846.1...	1490.25680759162, 1243.17473005284, 948.959063715692, 117.366980922475, 114.8...	1854.00
109	Stomach-AdenoCA	nu- cleotidesub- stitution1	30.00	6.00	58970, 19915, 129452, 43560, 105854, 92047	57988, 13049, 114585, 52086, 125807, 47444	1854.00
110	Stomach-AdenoCA	nu- cleotidesub- stitution3	30.00	96.00	4731, 2844, 429, 3145, 1588, 944, 240, 1952, 8330, 3741, 16967, 4414, 2712, 2...	3210, 2004, 274, 2607, 1133, 735, 182, 1282, 6845, 4782, 9151, 4105, 5114, 75...	1854.00
111	Stomach-AdenoCA	signatures	30.00	67.00	29215.3038749325, 6085.7153494415, 2166.09117035136, 203.058899418628, 8757.7...	8903.8056990995, 5881.3627442936, 1330.05426301255, 82.1605425781853, 4202.43...	1854.00
112	Thy-AdenoCA	nu- cleotidesub- stitution1	41.00	6.00	5481, 3845, 12990, 3805, 6342, 1504	3832, 3740, 11056, 2752, 3942, 972	1854.00
113	Thy-AdenoCA	nu- cleotidesub- stitution3	41.00	96.00	700, 453, 122, 494, 274, 128, 42, 236, 904, 504, 1360, 486, 384, 293, 367, 34...	472, 307, 87, 278, 175, 95, 28, 144, 620, 366, 964, 319, 265, 229, 224, 351, ...	1854.00

114	Thy-AdenoCA	signatures	41.00	67.00	2643.54163392574, 1503.80072138999, 1123.04011820176, 44.2774574579362, 2184....	1967.76839082616, 2942.41706410095, 412.395429172704, 135.633690614096, 904.9...	1854.00
115	Uterus-AdenoCA	nu- cleotidesub- stitution1	40.00	6.00	151075, 33385, 130137, 32585, 81489, 56138	31885, 29825, 63238, 20694, 49062, 14090	1854.00
116	Uterus-AdenoCA	nu- cleotidesub- stitution3	40.00	96.00	4169, 3384, 584, 5393, 1863, 944, 715, 1989, 6431, 3467, 12816, 4776, 3111, 1...	2250, 1743, 360, 1919, 1367, 670, 633, 1340, 4550, 1757, 4964, 2674, 1814, 89...	1854.00
117	Uterus-AdenoCA	signatures	40.00	67.00	25183.3887480489, 15350.2514231786, 4205.15656022579, 871.350835605971, 12518...	9357.66172791117, 15820.0083219454, 1861.86544952254, 389.384479335226, 4490....	1854.00

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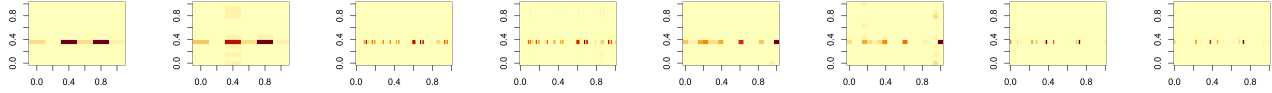


Figure 1: Biliary-AdenoCA

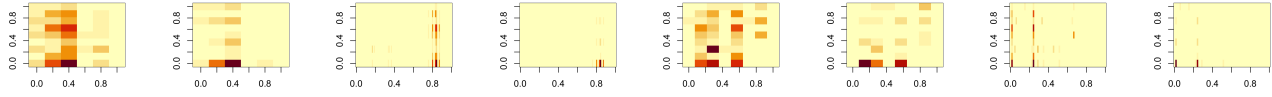


Figure 2: Bladder-TCC

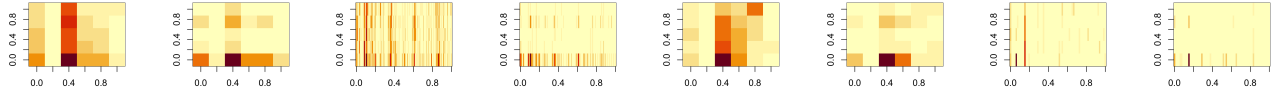


Figure 3: Bone-Benign

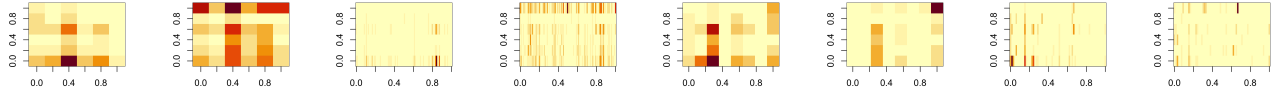


Figure 4: Bone-Epith

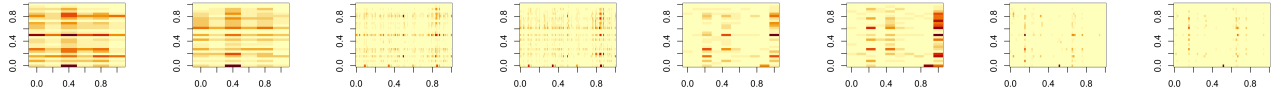


Figure 5: Bone-Osteosarc

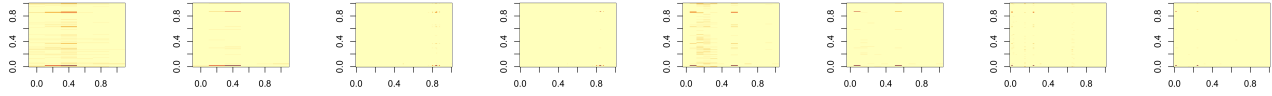


Figure 6: Breast-AdenoCA

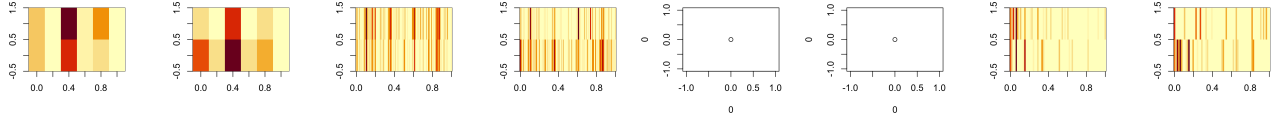


Figure 7: Breast-DCIS

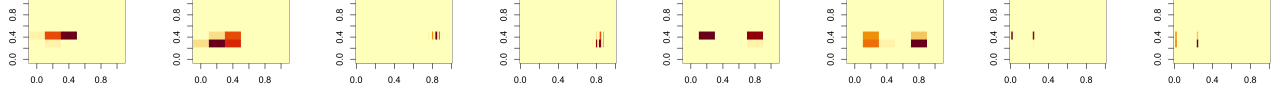


Figure 8: Breast-LobularCA

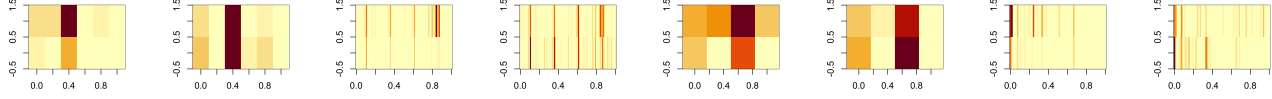


Figure 9: Cervix-AdenoCA

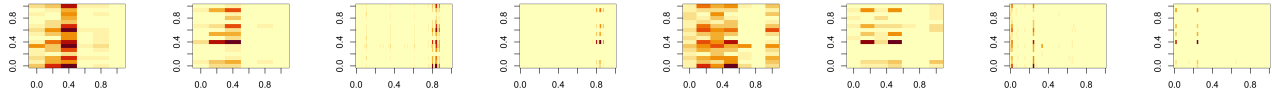


Figure 10: Cervix-SCC

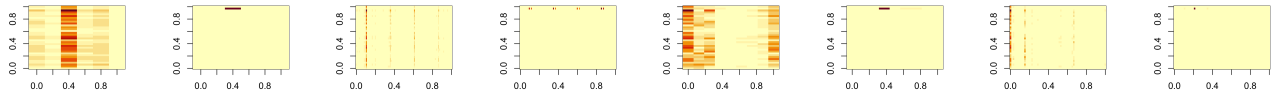


Figure 11: CNS-GBM

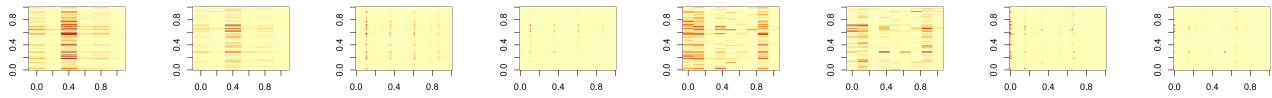


Figure 12: CNS-Medullo

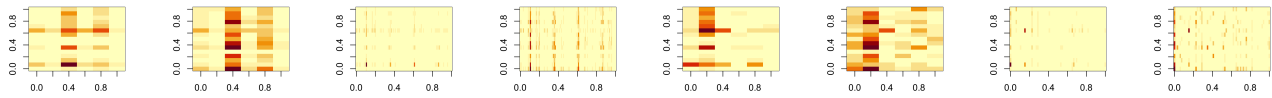


Figure 13: CNS-Oligo

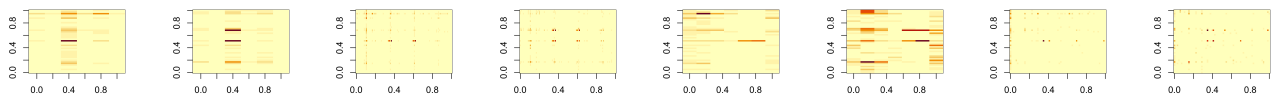


Figure 14: CNS-PiloAstro

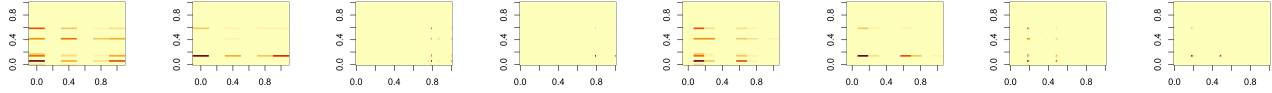


Figure 15: ColoRect-AdenoCA

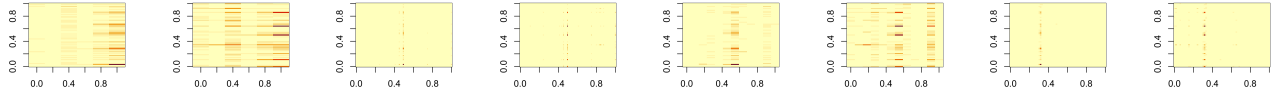


Figure 16: Eso-AdenoCA

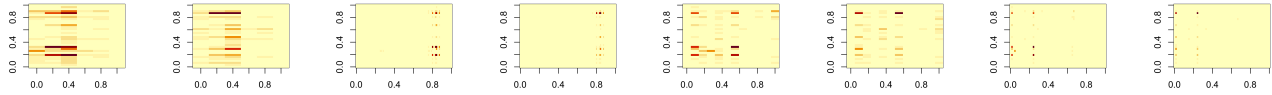


Figure 17: Head-SCC

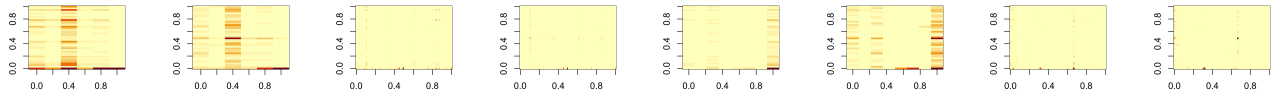


Figure 18: Kidney-ChRCC

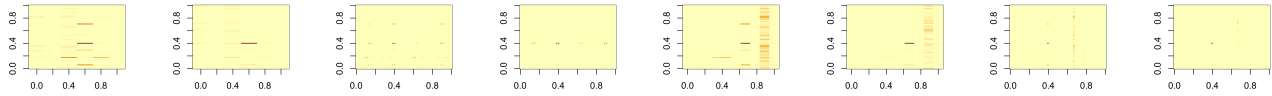


Figure 19: Kidney-RCC.clearcell

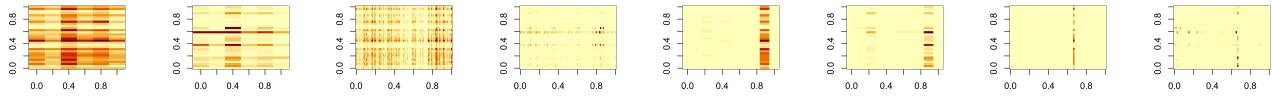


Figure 20: Kidney-RCC.papillary

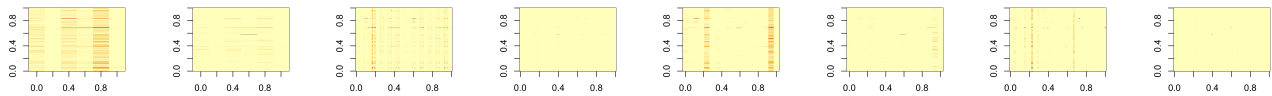


Figure 21: Liver-HCC



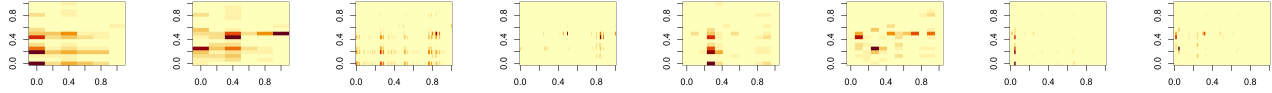


Figure 22: Lung-AdenoCA

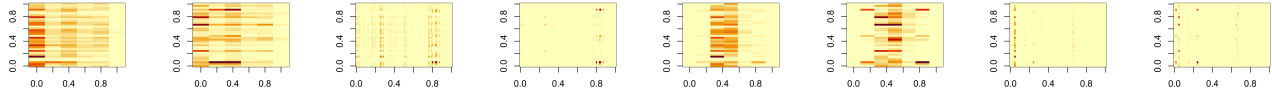


Figure 23: Lung-SCC

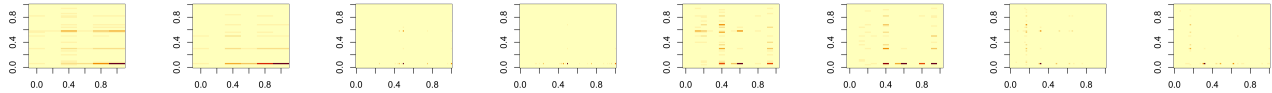


Figure 24: Lymph-BNHL

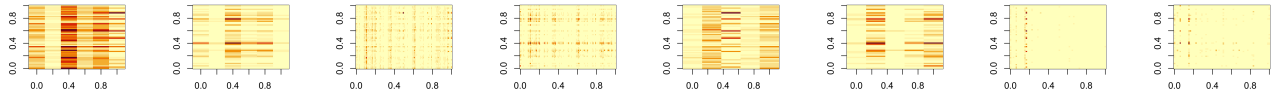


Figure 25: Lymph-CLL

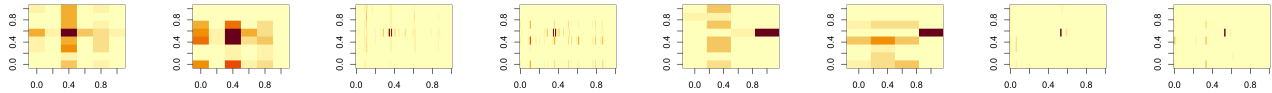


Figure 26: Myeloid-AML

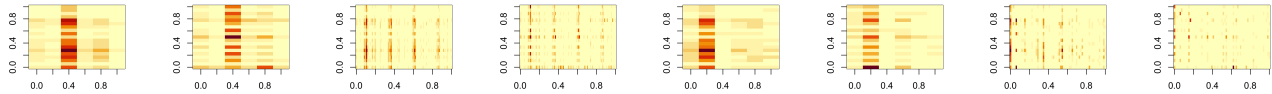


Figure 27: Myeloid-MPN

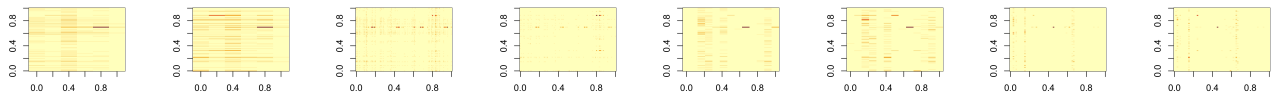


Figure 28: Ovary-AdenoCA

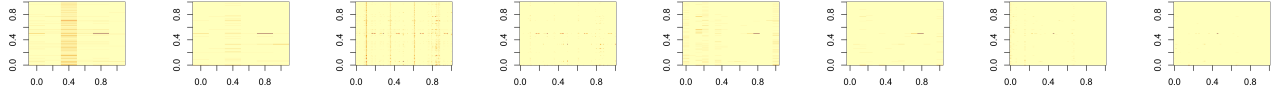


Figure 29: Panc-AdenoCA

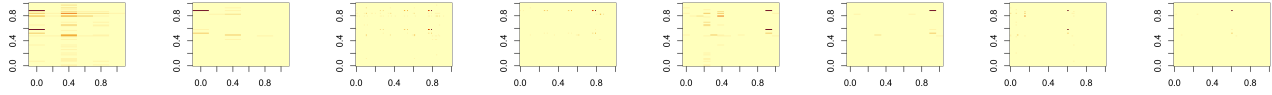


Figure 30: Panc-Endocrine

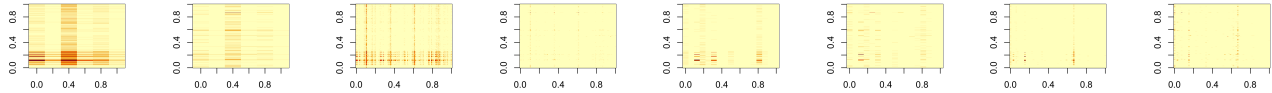


Figure 31: Prost-AdenoCA

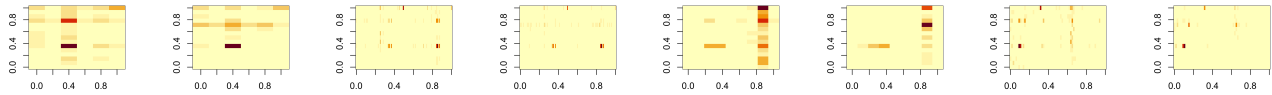


Figure 32: Skin-Melanoma.acral

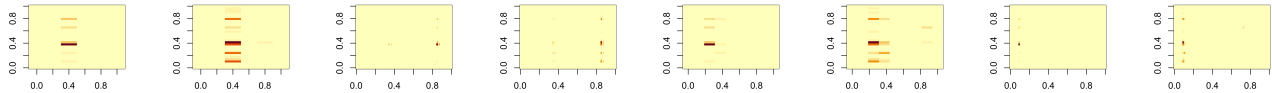


Figure 33: Skin-Melanoma.cutaneous

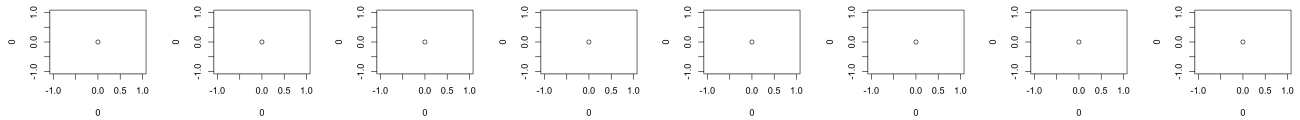


Figure 34: Skin-Melanoma.mucosal

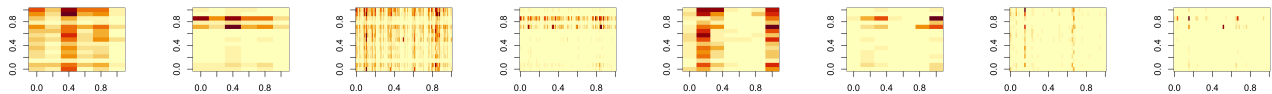


Figure 35: SoftTissue-Leiomyo

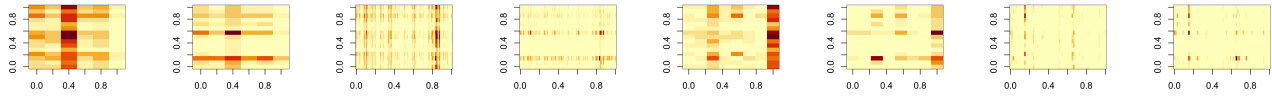


Figure 36: SoftTissue-Liposarc

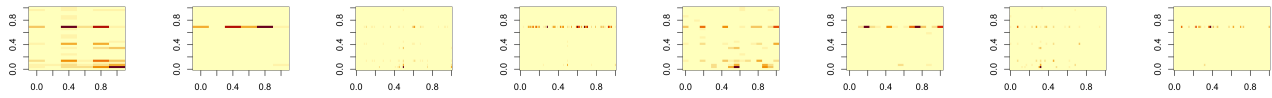


Figure 37: Stomach-AdenoCA

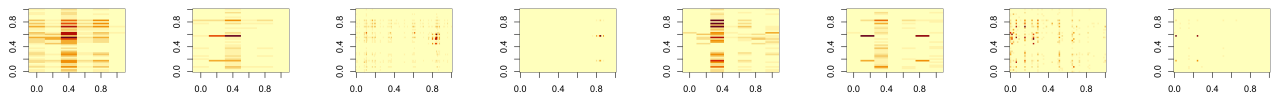


Figure 38: Thy-AdenoCA

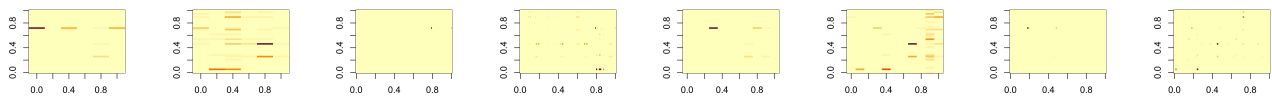


Figure 39: Uterus-AdenoCA