Tests by gene, mutation type and codon(s) tested:

Gene	Mutation Type	Codon(s) Tested
ABL1	single base substitution	244, 248, 250, 252, 253, 255, 276, 315, 317, 351, 355, 359, 384, 387, 396
AKT1	single base substitution	17, 35, 49, 173, 179
ALK	single base substitution	1174, 1196, 1275
APC	single base substitution	876, 880, 886, 1096, 1114, 1120, 1291, 1294, 1295, 1300, 1301, 1303, 1306, 1308, 1309, 1310, 1312, 1315, 1317, 1319, 1322, 1345, 1346, 1350, 1353, 1355, 1356, 1366, 1367, 1370, 1374, 1376, 1378, 1379, 1429, 1432, 1435, 1442, 1443, 1444, 1447, 1450, 1451, 1454, 1459, 1461, 1464, 1469, 1488, 1495, 1499, 1513, 1547, 1552, 1564, 1577
APC	insertion/deletion	869, 1294, 1300, 1301, 1303, 1307, 1309, 1310, 1311, 1312, 1314, 1315, 1319, 1348, 1351, 1355, 1356, 1357, 1361, 1364, 1372, 1373, 1375, 1376, 1378, 1431, 1435, 1436, 1438, 1439, 1440, 1443, 1445, 1449, 1453, 1455, 1458, 1459, 1462, 1464, 1465, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1497, 1554, 1555, 1556, 1557
ATM	single base substitution	337, 410, 604, 848, 858, 1309, 1681, 1682, 1742, 1794, 1941, 2442, 2443, 2666, 2695, 2725, 2888, 2890, 2947, 3008, 3047
ATM	insertion/deletion	353
BRAF	single base substitution	444, 453, 462, 464, 466, 469, 471, 581, 582, 583, 584, 586, 587, 592, 594, 595, 596, 597, 598, 599, 600, 601, 603, 604, 605, 606, 608
BRAF	insertion/deletion	601, 598-600, 604
CDH1	single base substitution	353, 370, 402
CDH1	insertion/deletion	82, 343, 399
CDKN2A	single base substitution	51, 52, 57, 58, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 74, 75, 76, 79, 80, 81, 82, 83, 84, 100, 101, 102, 106, 108, 110, 112, 114, 115, 116, 119, 120, 122,

		123, 124, 125, 126, 128, 129, 130, 131, 132, 135
CDKN2A	insertion/deletion	53-58, 59, 76, 77, 78, 81, 84, 104, 105, 122, 124
CSF1R	single base substitution	301, 969
CTNNB1	single base substitution	13, 15, 20, 21, 22, 23, 25, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46
CTNNB1	insertion/deletion	22-38, 42
EGFR	single base substitution	108, 289, 596, 598, 698, 702, 703, 709, 712, 719, 720, 721, 724, 730, 731, 733, 734, 735, 738, 741, 742, 743, 745, 746, 747, 750, 751, 752, 753, 754, 761, 765, 767, 768, 769, 770, 773, 774, 775, 776, 779, 784, 786, 790, 792, 810, 814, 819, 821, 858, 859, 861, 863, 864, 868, 870, 871, 873, 874
EGFR	insertion/deletion	745-759, 769-774
ERBB2	single base substitution	755, 767, 769, 776, 777, 842, 878
ERBB2	insertion/deletion	774-781
ERBB4	single base substitution	140, 181, 244, 285, 303, 306, 341, 348, 595, 618, 931, 935, 936
EZH2	single base substitution	602, 636, 640, 646
FBXW7	single base substitution	226, 266, 278, 385, 393, 425, 465, 479, 504, 505, 582
FGFR1	single base substitution	125, 252
FGFR2	single base substitution	252, 253, 310, 372, 375, 382, 549
FGFR3	single base substitution	248, 249, 251, 369, 370, 371, 373, 380, 384, 391, 641, 650, 697, 794
FLT3	single base substitution	451, 572, 592, 599, 680, 831, 834, 835, 836, 837, 842
FLT3	insertion/deletion	594-604, 835, 836, 840-841
GNA11	single base substitution	209
GNAQ	single base substitution	209
GNAS	single base substitution	201, 227, 233, 844, 876
HNF1A	single base substitution	203, 206, 207, 211, 260, 263, 272, 273
HRAS	single base substitution	11, 12, 13, 27, 61, 62
IDH1	single base substitution	105, 116, 119, 123, 130, 132, 133, 134
IDH2	single base substitution	139, 140, 158, 171, 172
JAK2	single base substitution	611, 617, 618, 620
JAK3	single base substitution	132, 572, 573, 722
KDR	single base substitution	248, 275, 476, 873, 973, 984,

		1140, 1145, 1210, 1308
KDR	insertion/deletion	1355
KIT	single base substitution	51, 52, 509, 530, 541, 546, 551, 552, 553, 554, 555, 557, 558, 559, 560, 561, 562, 566, 567, 568, 572, 573, 576, 577, 582, 584, 585, 642, 643, 654, 670, 811, 816, 818, 820, 822, 823, 825, 839, 853
KIT	insertion/deletion	579, 715, 503-504, 551-562, 563-576
KRAS	single base substitution	8, 11, 12, 13, 14, 15, 18, 19, 22, 58, 59, 61, 117, 146
KRAS	insertion/deletion	10-13
MET	single base substitution	168, 375, 848, 988, 1010, 1112, 1117, 1118, 1124, 1130, 1248, 1253, 1268
MET	insertion/deletion	982-1028
MLH1	single base substitution	384
MPL	single base substitution	505, 506, 515, 519
NOTCH1	single base substitution	1575, 1577, 1586, 1593, 1594, 1597, 1599, 1601, 1677, 1679, 1579, 2441, 2460, 2468
NOTCH1	insertion/deletion	1579, 2463, 2464, 2468
NPM1	single base substitution	290
NPM1	insertion/deletion	288, 289, 290
NRAS	single base substitution	11, 12, 13, 18, 60, 61, 65, 146
PDGFRA	single base substitution	561, 659, 674, 824, 842, 846
PDGFRA	insertion/deletion	554-555, 560-564, 566, 841-847
PIK3CA	single base substitution	60, 75, 80, 81, 88, 108, 110, 111, 112, 115, 324, 344, 345, 405, 407, 418, 420, 453, 457, 466, 539, 542, 544, 545, 546, 594, 701, 901, 909, 1020, 1021, 1023, 1025, 1029, 1035, 1039, 1040, 1043, 1044, 1045, 1046, 1047, 1048, 1049
PIK3CA	insertion/deletion	108, 109, 111-115, 451-456, 1068, 1069
PTEN	single base substitution	7, 8, 10, 13, 14, 15, 16, 17, 56, 57, 59, 61, 65,66, 68, 105, 107, 108, 110, 111, 112, 121, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 165, 167, 170, 171, 173, 174, 177, 214, 235, 242, 245, 246, 248, 251, 252, 253, 256, 261, 263, 288, 291,

		298, 331, 335, 336, 339, 341
PTEN	insertion/deletion	6, 16, 17, 57, 60, 63, 68, 108-109, 116, 118, 119, 122, 124, 128-130, 131, 173,176, 237, 242, 246, 248, 250, 254, 256, 260, 267, 288, 290, 293, 294, 317, 318, 319, 321, 323, 329, 331, 337
PTPN11	single base substitution	52, 58, 60, 61, 69, 71, 72, 73, 76, 491, 502, 503, 510
RB1	single base substitution	137, 199, 320, 358, 455, 552, 556, 579, 661, 685, 706, 715, 748, 754
RB1	insertion/deletion	660, 676
RET	single base substitution	618, 620, 630, 631, 634, 768, 883, 918
RET	insertion/deletion	612-620, 629-640
SMAD4	single base substitution	118, 144, 168, 245, 311, 330, 343, 351, 353, 355, 358, 361, 386, 412, 445, 497, 499, 507, 515, 523, 526
SMAD4	insertion/deletion	123, 259, 339-343, 410, 448, 466, 517
SMARCB1	single base substitution	40, 47, 53, 158, 201, 377
SMARCB1	insertion/deletion	382, 383
SMO	single base substitution	199, 324, 404, 535, 640
SRC	single base substitution	531
STK11	single base substitution	32, 37, 60, 159, 170, 171, 194, 196, 199, 272, 281, 332, 354
STK11	insertion/deletion	57, 60, 264, 281, 282
TP53	single base substitution	3, 11, 20, 25, 26, 31, 33, 41, 42, 43, 44, 47, 59, 60, 61, 64, 65, 66, 70, 72, 73, 75, 77, 78, 80, 81, 82, 83, 84, 85, 86, 87, 89, 91, 94, 95, 96, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 120, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 141, 143, 144, 145, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206,

		207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 300, 301, 302, 303, 304, 305, 306, 334, 336, 337, 339, 342, 343, 344, 348, 349, 354, 356, 366
TP53	insertion/deletion	46, 59, 85, 76-90, 98, 99, 102, 105, 108, 126, 128, 131, 132, 133, 135, 154, 155, 156, 157, 158-159, 161, 162, 163, 164, 167, 171, 172, 173, 174, 175-182, 178, 185, 186, 189-197, 200, 201, 203, 204, 206, 209, 210, 211, 212, 213, 214, 215, 216, 218, 220, 229, 230, 231, 234, 235, 236, 237, 239, 240, 241, 242, 244, 245, 246, 247-248, 249, 250-253, 269-270, 272, 273, 278, 279, 280-281, 283, 284, 286, 288, 291, 294, 296, 301, 302, 303, 304, 342, 345
VHL	single base substitution	81, 82, 85, 86, 88, 89, 90, 93, 95, 96, 98, 101, 114, 115, 117, 118, 119, 121, 122, 126, 128, 130, 131, 132, 134, 136, 138, 139, 143, 144, 146, 157, 158, 160, 161, 162, 163, 164, 166, 167, 169, 171
VHL	insertion/deletion	87-88, 90, 98, 99, 104, 115, 124, 128, 131, 133, 135, 136, 137, 138, 139, 141, 142, 144, 146, 148, 155, 156, 157, 160, 163, 167, 168