

GeneWell社 遺伝子検査標準サンプル Spec Sheet

商品名： Onco Wild Type gDNA Reference Standard
 型式： IB-GW-OGTM005
 品番： 89-8610-62
 形態： gDNA
 濃度： 30ng/μL、5μg/tube
 Buffer： Tris-EDTA (10mM Tris-HCl, 1mM EDTA), pH 8.0
 保存温度： 2-8°C
 使用期限： 24 months

変異リスト

Number	Variant Type	Mutation	CDS Mutation	Expected Allelic Frequency(%) / Copy Number	COSMIC ID	Chromosome Number	Genomosome Position
1	SNV	AKT1 E17K	c.49G > A	0%	COSM33765	14	104780214
2	SNV	BRAF V600E	c.1799T > A	0%	COSM476	7	140753336
3	SNV	EGFR G719S	c.2155G > A	0%	COSM6252	7	55174014
4	SNV	EGFR L858R	c.2573T > G	0%	COSM6224	7	55191822
5	SNV	EGFR T790M	c.2369C > T	0%	COSM6240	7	55181378
6	Insertion	EGFR V769_D770insASV	c.2307_2308insGCCAGCGTG	0%	COSM12376	7	55181317-55181318
7	Deletion	EGFR ΔE746_A750	c.2235_2249del15	0%	COSM6223	7	55174772-55174786
8	Deletion	FLT3 ΔI836	c.2506_2508delATC	0%	COSM797	13	28018500-28018502
9	SNV	KIT D816V	c.2447A > T	0%	COSM1314	4	54733155
10	SNV	KRAS A146T	c.436G > A	0%	COSM19404	12	25225628
11	SNV	KRAS G12D	c.35G > A	0%	COSM521	12	25245350
12	SNV	KRAS G13D	c.38G > A	0%	COSM532	12	25245347
13	SNV	NRAS Q61K	c.181C > A	0%	COSM580	1	114713909
14	SNV	PIK3CA E545K	c.1633G > A	0%	COSM763	3	179218303
15	SNV	PIK3CA H1047R	c.3140A > G	0%	COSM775	3	179234297
16	Fusion	CD74-ROS1 Fusion	NA	0%	COSF1200	6,5	117324415, 150404680
17	Fusion	EML4-ALK Fusion	NA	0%	COSF474	2,2	42264951, 29223520
18	CNV	ERBB2 Amplification	NA	2 copies	NA	17	39687914-39730426
19	CNV	MET Amplification	NA	2 copies	NA	7	116672196-116798386
20	Fusion	EML4-ALK Fusion V1	NA	0%	COSF408	2,2	4229551629223520
21	SNV	KRAS G12C	c.34G&amp;gt;T	0%	COSM516	12	25245351
22	SNV	KRAS G12V	c.35G&amp;gt;T	0%	COSM520	12	25245350
23	SNV	EGFR L861Q	c.2582T&amp;gt;A	0%	COSM6213	7	55191831
24	SNV	EGFR S768I	c.2303G&amp;gt;T	0%	COSM6241	7	55181312
25	SNV	KRAS G12S	c.34G&amp;gt;A	0%	COSM517	12	25245351
26	SNV	KRAS G12R	c.34G&amp;gt;C	0%	COSM518	12	25245351
27	SNV	KRAS G12A	c.35G&amp;gt;C	0%	COSM522	12	25245350