

Colony	Manual Curation	TIDE	
		Predicted Mutation	Predicted Genotype
1	14-bp deletion	14-bp deletion, 9-bp deletion, 2-bp deletion	mixed (streak)
2	mixed	21-bp deletion, 11-bp deletion, 3-bp deletion	mixed (streak)
3	wild-type	N/A	N/A
4	mixed	2-bp insertion, 9-bp deletion	heterozygous
5	14-bp deletion	14-bp deletion, 9-bp deletion, 8-bp deletion	mixed (streak)
6	N/A	N/A	
7	N/A	N/A	
8	15-bp deletion	15-bp deletion, 12-bp deletion	heterozygous
9	N/A	N/A	N/A
10	mixed	42-bp deletion, 25-bp deletion, 11-bp deletion	low mutagenesis frequency
11	mixed	N/A	N/A
12	mixed	N/A	N/A
13	mixed	33-bp deletion, 2-bp deletion, 1-bp insertion	low mutagenesis frequency
14	N/A	N/A	N/A
15	N/A	N/A	N/A
16	mixed	18-bp deletion (28.3% wild-type)	mixed
17	11-bp deletion	11-bp deletion	Homozygous
18	N/A	N/A	N/A
19	N/A	N/A	N/A
20	8-bp deletion	9-bp deletion	Homozygous
21	13-bp deletion	12-bp deletion	Homozygous
22	mixed	N/A	N/A
23	9-bp deletion	11-bp deletion (5.5% wild-type)	mixed
24	64-bp deletion	deletion too large for TIDE analysis	N/A
25	wild-type	N/A	N/A
26	mixed	15-bp deletion, 14-bp deletion, 13-bp deletion	mixed (streak)
27	13-bp deletion	13-bp deletion, 10-bp deletion	Heterozygous
28	mixed	13-bp deletion, 9-bp deletion	mixed (streak)
29	5-bp deletion	6-bp deletion, 8-bp deletion	heterozygous
30	mixed	N/A	N/A
31	wild-type	N/A	N/A
32	8-bp deletion	8-bp deletion	Homozygous
33	mixed	mixed	N/A
34	wild-type	N/A	N/A
35	12-bp deletion	13-bp deletion, 14-bp deletion	heterozygous
36	mixed	9-bp deletion, 6-bp deletion, 4-bp deletion	mixed (streak)
37	18-bp deletion	18-bp deletion, 12-bp deletion	heterozygous (streak)
38	N/A	N/A	N/A
39	mixed	14-bp deletion, 12-bp deletion (28.3% wild-type)	mixed
40	14-bp deletion	14-bp deletion (5.8% wild-type)	mixed
41	N/A	N/A	N/A
42	10-bp deletion	12-bp deletion, 1-bp deletion	mixed (streak)
43	14-bp deletion	16-bp deletion, 3-bp deletion	heterozygous
44	22-bp deletion	22-bp deletion, 19-bp deletion	heterozygous
45	N/A	N/A	N/A
46	N/A	N/A	N/A
47	18-bp deletion	17-bp deletion	Homozygous (streak)
48	62-bp deletion	deletion too large for TIDE analysis	N/A
49	mixed	N/A	N/A
50	10-bp deletion	19-bp deletion, 16-bp deletion, 1-bp deletion	mixed (streak)
51	mixed	12-bp deletion, 1-bp deletion	heterozygous
52	mixed	9-bp deletion, 23-bp deletion	mixed (streak)
53	12-bp deletion	13-bp deletion, 12-bp deletion. 8-bp deletion	mixed (streak)
54	N/A	N/A	N/A
55	mixed	9-bp deletion (20.2% wild-type)	mixed
56	3-bp deletion	3-bp deletion	Homozygous
57	N/A	N/A	N/A
58	wild-type	N/A	N/A
59	15-bp deletion	16-bp deletion, 14-bp deletion (2.8% wild-type)	mixed
60	10-bp deletion	11-bp deletion, 12-bp deletion (2.1% wild-type)	mixed
61	mixed	25-bp deletion, 14-bp deletion, 1-bp deletion	mixed (streak)
62	mixed	N/A	N/A
63	N/A	N/A	N/A
64	mixed	N/A	N/A
65 WT	wild-type	N/A	N/A
66 WT	wild-type	N/A	N/A
67 WT	wild-type	N/A	N/A
68 WT	wild-type	N/A	N/A

Supplemental Table 2. gNR-B cell line genotyping