Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
1_A05_001_Seq1.fsa	1	BC4	BC4							NA					NA	NA	NA	NA	

10_B06_004_Seq1.fsa	10	BC4	BC4							NA					NA	NA	NA	NA	

11_C06_006_Seq1.fsa	11	BC4	BC4							NA					NA	NA	NA	NA	

12_D06_008_Seq1.fsa	12	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
13_E06_010_Seq1.fsa	13	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

14_F06_012_Seq1.fsa	14	BC4	BC4	■	■	■	▲	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

15_G06_014_Seq1.fsa	15	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

16_H06_016_Seq1.fsa	16	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
17_A07_001_Seq1.fsa	17	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

18_B07_003_Seq1.fsa	18	BC4	BC4							NA					NA	NA	NA	NA	

19_C07_005_Seq1.fsa	19	BC4	BC4							NA					NA	NA	NA	NA	

2_B05_003_Seq1.fsa	2	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
20_D07_007_Seq1.fsa	20	BC4	BC4							NA					NA	NA	NA	NA	

21_E07_009_Seq1.fsa	21	BC4	BC4							NA					NA	NA	NA	NA	

22_F07_011_Seq1.fsa	22	BC4	BC4							NA					NA	NA	NA	NA	

23_G07_013_Seq1.fsa	23	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
24_H07_015_Seq1.fsa	24	BC4	BC4							NA					NA	NA	NA	NA	

25_A08_002_Seq1.fsa	25	BC4	BC4							NA					NA	NA	NA	NA	

26_B08_004_Seq1.fsa	26	BC4	BC4							NA					NA	NA	NA	NA	

27_C08_006_Seq1.fsa	27	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
28_D08_008_Seq1.fsa	28	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
29_E08_010_Seq1.fsa	29	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
3_C05_005_Seq1.fsa	3	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
30_F08_012_Seq1.fsa	30	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
31_G08_014_Seq1.fsa	31	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
32_H08_016_Seq1.fsa	32	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
33_A09_001_Seq1.fsa	33	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
34_B09_003_Seq1.fsa	34	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
35_C09_005_Seq1.fsa	35	BC4	BC4							NA					NA	NA	NA	NA	

36_D09_007_Seq1.fsa	36	BC4	BC4	-4.0	-4.0	-4.0	-4.0	-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

37_E09_009_Seq1.fsa	37	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

38_F09_011_Seq1.fsa	38	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
39_G09_013_Seq1.fsa	39	BC4	BC4							NA					NA	NA	NA	NA	

4_D05_007_Seq1.fsa	4	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

40_H09_015_Seq1.fsa	40	BC4	BC4							NA					NA	NA	NA	NA	

41_A10_002_Seq1.fsa	41	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
42_B10_004_Seq1.fsa	42	BC4	BC4							NA					NA	NA	NA	NA	

43_C10_006_Seq1.fsa	43	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

44_D10_008_Seq1.fsa	44	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

45_E10_010_Seq1.fsa	45	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
46_F10_012_Seq1.fsa	46	BC4	BC4							NA					NA	NA	NA	NA	

47_G10_014_Seq1.fsa	47	BC4	BC4							NA					NA	NA	NA	NA	

48_H10_016_Seq1.fsa	48	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

49_A11_001_Seq1.fsa	49	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
5_E05_009_Seq1.fsa	5	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
50_B11_003_Seq1.fsa	50	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
51_C11_005_Seq1.fsa	51	BC4	BC4	-4.0	-4.0	-4.0	-4.0	-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
52_D11_007_Seq1.fsa	52	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
53_E11_009_Seq1.fsa	53	BC4	BC4	-4.0	-4.0	-4.0		-4.0		-4.0	-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

54_F11_011_Seq1.fsa	54	BC4	BC4							NA					NA	NA	NA	NA	

55_G11_013_Seq1.fsa	55	BC4	BC4							NA					NA	NA	NA	NA	

56_H11_015_Seq1.fsa	56	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
57_A12_002_Seq1.fsa	57	BC4	BC4	-4.0	-4.0	-4.0	-4.0	-4.0			-4.0	-4.0	-4.0	-4.0	NA	NA	NA		

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
58_B12_004_Seq1.fsa	58	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
59_C12_006_Seq1.fsa	59	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
6_F05_011_Seq1.fsa	6	BC4	BC4							NA					NA	NA	NA	NA	

Sample File	Sample Name	Panel	Marker	OS	SHP	OBA	SPA	SP	BIN	PHR	LPH	SPU	AN	BD	DP	NB	CC	OVL	GQ
7_G05_013_Seq1.fsa	7	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

8_H05_015_Seq1.fsa	8	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●

9_A06_002_Seq1.fsa	9	BC4	BC4	■	■	■	■	■	▲	NA	■	■	■	■	NA	NA	NA	NA	●