

SPIROMICS Study
BSP Inventory Status for All Stratum

Based on BSP data November 1, 2018

Material Type	Material Description	Baseline			Year 1			Year 3			In both V1 V2	In both V1 V2 V4
		N	QTY	VOL	N	QTY	VOL	N	QTY	VOL		
Blood	Blood PAXgene RNA tubes	70	1	2.5	96	1	2.5	3	1	2.5	40	0
CYT	Cytokine (sputum aliquots originally set aside for cytokine analysis)	1599	3	1000	6	4	750	8	4	675	3	0
DNA	DNA extracted from blood lysate prepared at the sites	2888	3	250	416	3	250	2	3	248.75	390	0
MIC	Microbiology	65	1	0	2	1	0	0	-	-	0	0
Mucin	Mucin	4	1	0	0	-	-	2	1	0	0	0
NUC	Nucleotide (sputum aliquots originally set aside for nucleotide analysis)	1604	3	1000	6	4	750	8	4	675	3	0
PL100	Plasma from P100 blood tube which has protein stabilizers in it	2939	10	150	2258	10	150	837	10	150	2174	800
PLLT	Plasma from lavender top EDTA blood tubes	3063	14	150	2321	19	150	891	19	150	2307	875
PLYT	Plasma from yellow top ACD blood tubes	3059	10	150	2317	10	150	892	10	150	2302	870
Preserved Urine	Preserved urine	3021	7	1000	2282	7	1000	871	7	1000	2243	838
RNA	RNA extracted from a number of different sources	2939	4	24	2117	2	55	0	-	-	2069	0
Serum	Serum	3071	16	150	2331	21	150	895	21	150	2319	880
TRZ	Trizol (suspended cell pellet from sputum processing placed in trizol)	827	1	1000	5	1	1000	7	1	1000	3	0
Urine	Urine	3040	7	1000	2288	7	1000	881	7	1000	2261	852
VIS	Viscoelastic (sputum aliquot reserved for viscosity measurement)	60	1	0	2	1	0	2	1	0	0	0

SPIROMICS Study
BSP Inventory Status for Stratum 1
Based on BSP data November 1, 2018

STRATUM=1

Material Type	Material Description	Baseline			Year 1			Year 3			In both V1 V2	In both V1 V2 V4
		N	QTY	VOL	N	QTY	VOL	N	QTY	VOL		
Blood	Blood PAXgene RNA tubes	10	1	2.5	12	1	2.5	1	1	2.5	9	0
CYT	Cytokine (sputum aliquots originally set aside for cytokine analysis)	95	2	1000	0	-	-	0	-	-	0	0
DNA	DNA extracted from blood lysate prepared at the sites	201	3	250	53	3	250	0	-	-	50	0
MIC	Microbiology	7	1	0	0	-	-	0	-	-	0	0
NUC	Nucleotide (sputum aliquots originally set aside for nucleotide analysis)	96	2	1000	0	-	-	0	-	-	0	0
PL100	Plasma from P100 blood tube which has protein stabilizers in it	205	10	150	181	10	150	102	10	150	177	99
PLLT	Plasma from lavender top EDTA blood tubes	210	15	150	185	19	150	108	19	150	184	107
PLYT	Plasma from yellow top ACD blood tubes	210	10	150	185	10	150	108	10	150	184	107
Preserved Urine	Preserved urine	210	7	1000	184	7	1000	106	7	1000	184	106
RNA	RNA extracted from a number of different sources	199	4	24	167	2	55	0	-	-	164	0
Serum	Serum	210	19	150	186	21	150	108	21	150	185	107
TRZ	Trizol (suspended cell pellet from sputum processing placed in trizol)	37	1	1000	0	-	-	0	-	-	0	0
Urine	Urine	210	6	1000	185	7	1000	105	7	1000	184	105
VIS	Viscoelastic (sputum aliquot reserved for viscosity measurement)	3	1	0	0	-	-	0	-	-	0	0

SPIROMICS Study
BSP Inventory Status for Stratum 2
Based on BSP data November 1, 2018

STRATUM=2

Material Type	Material Description	Baseline			Year 1			Year 3			In both V1 V2	In both V1 V2 V4
		N	QTY	VOL	N	QTY	VOL	N	QTY	VOL		
Blood	Blood PAXgene RNA tubes	16	1	2.5	31	1	2.5	0	-	-	10	0
CYT	Cytokine (sputum aliquots originally set aside for cytokine analysis)	579	3	1000	3	4	500	3	4	850	2	0
DNA	DNA extracted from blood lysate prepared at the sites	894	3	250	107	3	250	1	3	249.5	98	0
MIC	Microbiology	17	1	0	0	-	-	0	-	-	0	0
Mucin	Mucin	1	1	0	0	-	-	1	1	0	0	0
NUC	Nucleotide (sputum aliquots originally set aside for nucleotide analysis)	579	3	1000	3	4	500	3	4	850	2	0
PL100	Plasma from P100 blood tube which has protein stabilizers in it	921	10	150	724	10	150	237	10	150	699	224
PLLT	Plasma from lavender top EDTA blood tubes	953	15	150	736	19	150	254	19	150	729	248
PLYT	Plasma from yellow top ACD blood tubes	951	10	150	736	10	150	253	10	150	729	246
Preserved Urine	Preserved urine	943	7	1000	726	7	1000	251	7	1000	713	239
RNA	RNA extracted from a number of different sources	922	4	24	666	2	55	0	-	-	652	0
Serum	Serum	955	18	150	741	21	150	253	21	150	734	247
TRZ	Trizol (suspended cell pellet from sputum processing placed in trizol)	378	1	1000	3	1	1000	3	1	1000	2	0
Urine	Urine	948	7	1000	726	7	1000	253	7	1000	717	242
VIS	Viscoelastic (sputum aliquot reserved for viscosity measurement)	18	1	0	0	-	-	1	1	0	0	0

SPIROMICS Study
BSP Inventory Status for Stratum 3
Based on BSP data November 1, 2018

STRATUM=3

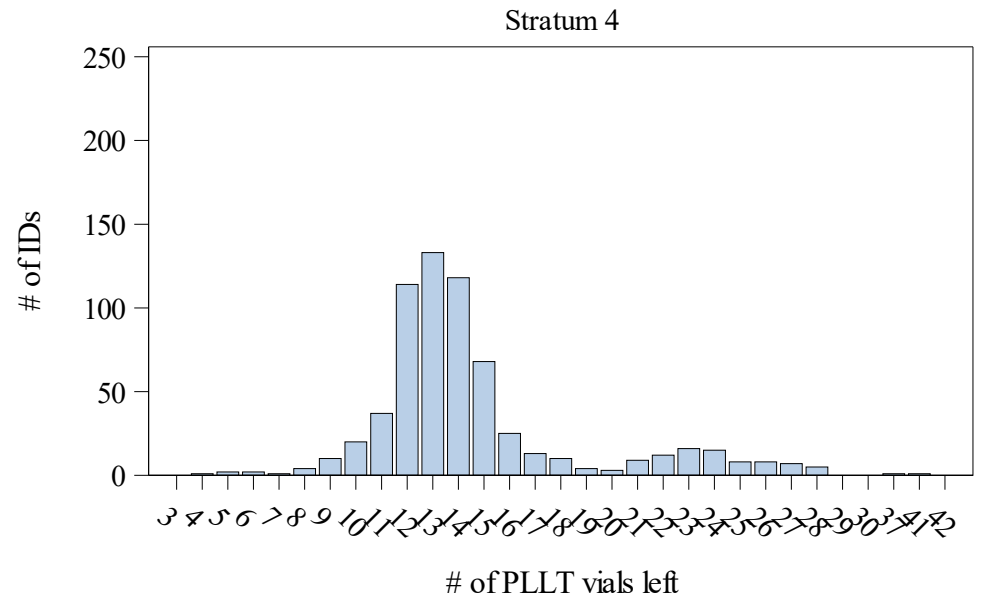
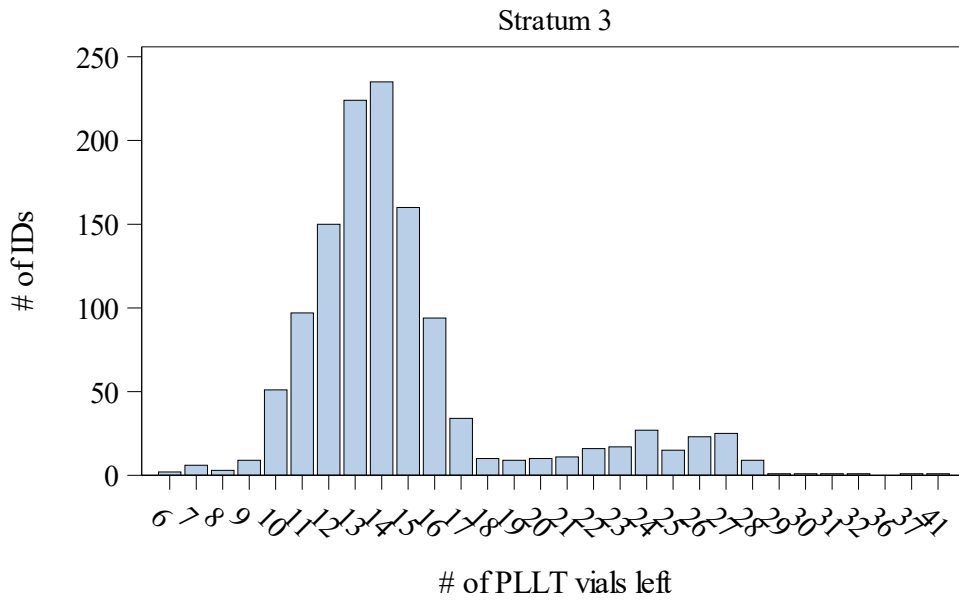
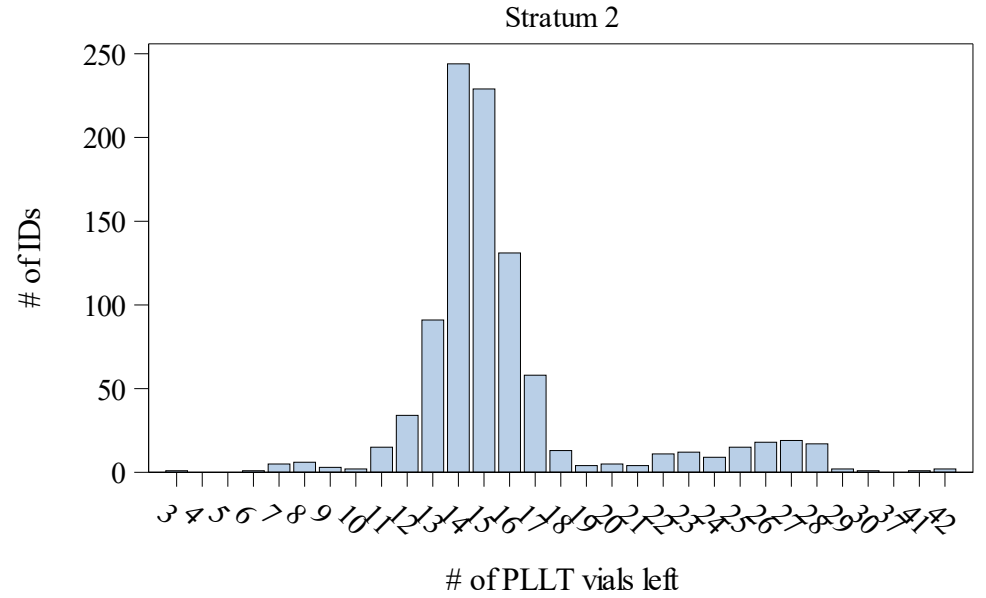
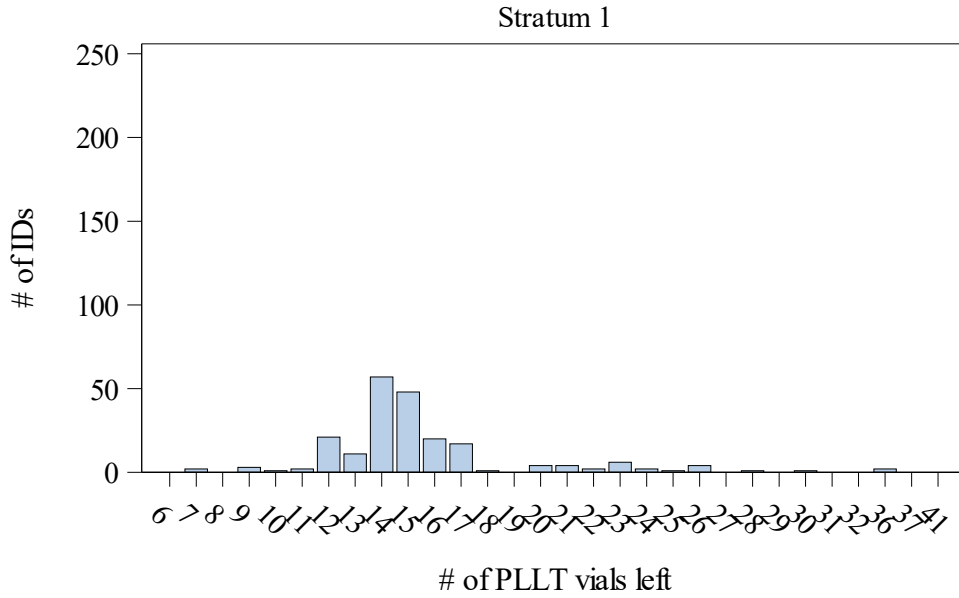
Material Type	Material Description	Baseline			Year 1			Year 3			In both V1 V2	In both V1 V2 V4
		N	QTY	VOL	N	QTY	VOL	N	QTY	VOL		
Blood	Blood PAXgene RNA tubes	23	1	2.5	32	1	2.5	2	1	2.5	13	0
CYT	Cytokine (sputum aliquots originally set aside for cytokine analysis)	798	3	1000	3	4	1000	4	4	750	1	0
DNA	DNA extracted from blood lysate prepared at the sites	1177	3	250	156	3.5	250	1	3	248	146	0
MIC	Microbiology	29	1	0	2	1	0	0	-	-	0	0
Mucin	Mucin	3	1	0	0	-	-	1	1	0	0	0
NUC	Nucleotide (sputum aliquots originally set aside for nucleotide analysis)	802	3	1000	3	4	1000	4	4	750	1	0
PL100	Plasma from P100 blood tube which has protein stabilizers in it	1193	10	150	939	10	150	360	10	150	905	345
PLLT	Plasma from lavender top EDTA blood tubes	1243	14	150	971	19	150	380	19	150	968	374
PLYT	Plasma from yellow top ACD blood tubes	1244	10	150	971	10	150	383	10	150	967	375
Preserved Urine	Preserved urine	1224	7	1000	952	7	1000	372	7	1000	936	358
RNA	RNA extracted from a number of different sources	1189	4	24	898	2	55	0	-	-	871	0
Serum	Serum	1245	15	150	974	21	150	383	21	150	972	378
TRZ	Trizol (suspended cell pellet from sputum processing placed in trizol)	359	1	1000	2	1	1000	4	1	1000	1	0
Urine	Urine	1234	7	1000	957	7	1000	374	7	1000	947	363
VIS	Viscoelastic (sputum aliquot reserved for viscosity measurement)	28	1	0	2	1	0	1	1	0	0	0

SPIROMICS Study
BSP Inventory Status for Stratum 4
Based on BSP data November 1, 2018

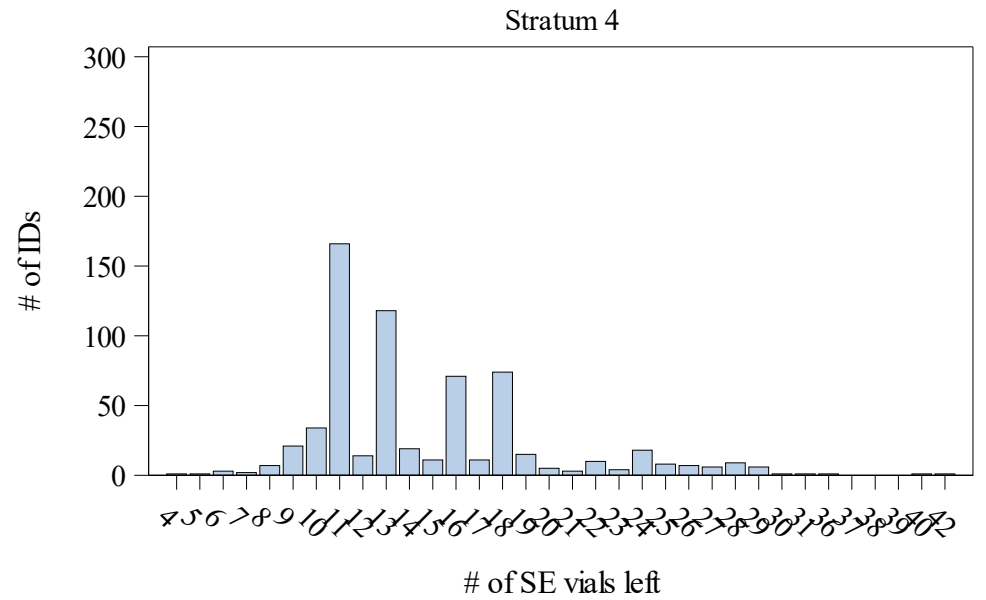
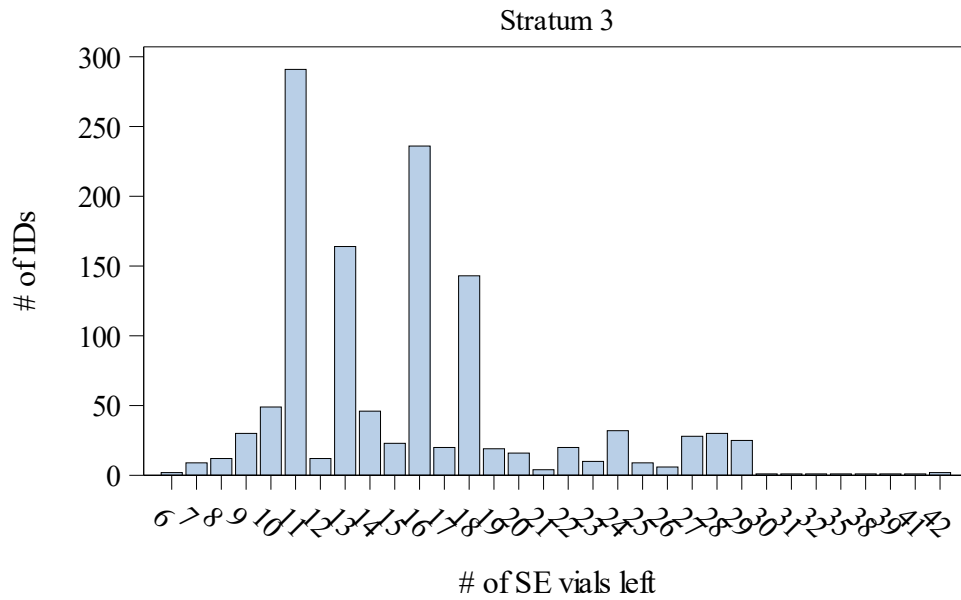
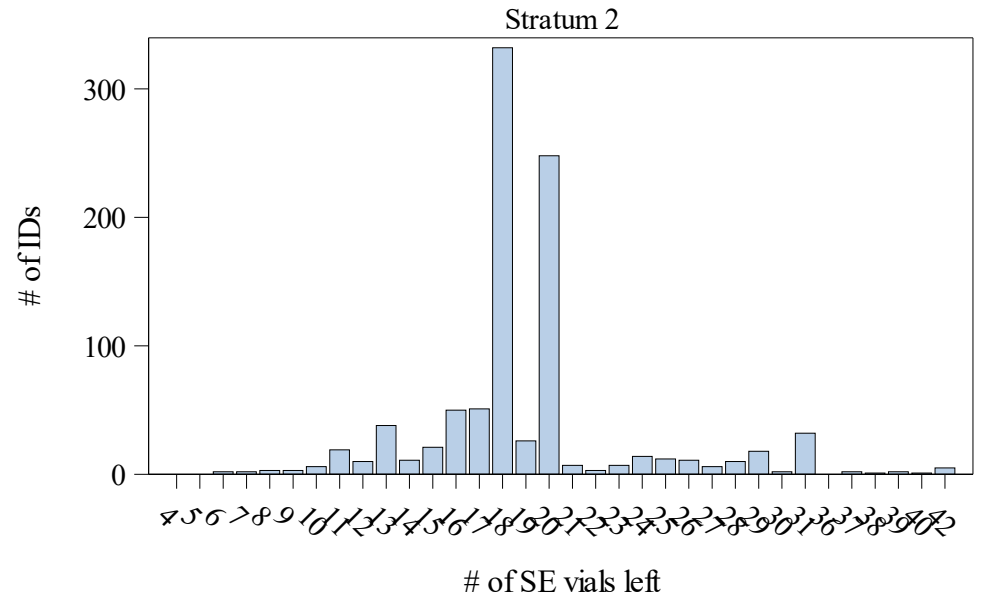
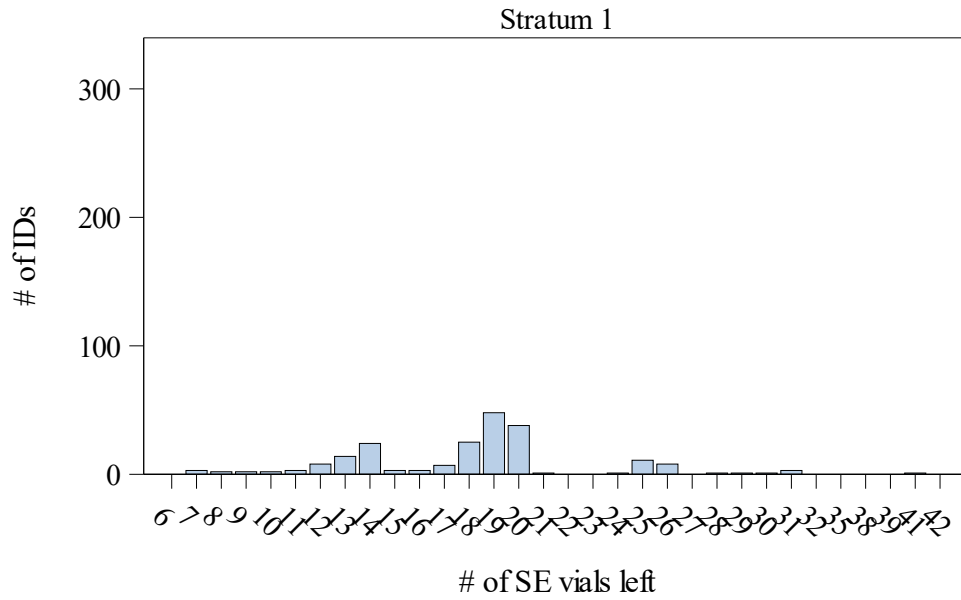
STRATUM=4

Material Type	Material Description	Baseline			Year 1			Year 3			In both V1 V2	In both V1 V2 V4
		N	QTY	VOL	N	QTY	VOL	N	QTY	VOL		
Blood	Blood PAXgene RNA tubes	11	1	2.5	20	1	2.5	0	-	-	7	0
CYT	Cytokine (sputum aliquots originally set aside for cytokine analysis)	124	3	1000	0	-	-	1	4	400	0	0
DNA	DNA extracted from blood lysate prepared at the sites	602	3	250	100	4	250	0	-	-	96	0
MIC	Microbiology	9	1	0	0	-	-	0	-	-	0	0
NUC	Nucleotide (sputum aliquots originally set aside for nucleotide analysis)	124	3	1000	0	-	-	1	4	400	0	0
PL100	Plasma from P100 blood tube which has protein stabilizers in it	612	10	150	413	10	150	138	10	150	392	132
PLLT	Plasma from lavender top EDTA blood tubes	647	13	150	428	19	150	149	19	150	425	146
PLYT	Plasma from yellow top ACD blood tubes	645	10	150	424	10	150	148	10	150	421	142
Preserved Urine	Preserved urine	636	7	1000	419	7	1000	142	7	1000	409	135
RNA	RNA extracted from a number of different sources	628	4	24	386	2	55	0	-	-	382	0
Serum	Serum	649	13	150	429	21	150	151	21	150	427	148
TRZ	Trizol (suspended cell pellet from sputum processing placed in trizol)	50	1	1000	0	-	-	0	-	-	0	0
Urine	Urine	640	6	1000	419	7	1000	149	7	1000	412	142
VIS	Viscoelastic (sputum aliquot reserved for viscosity measurement)	8	1	0	0	-	-	0	-	-	0	0

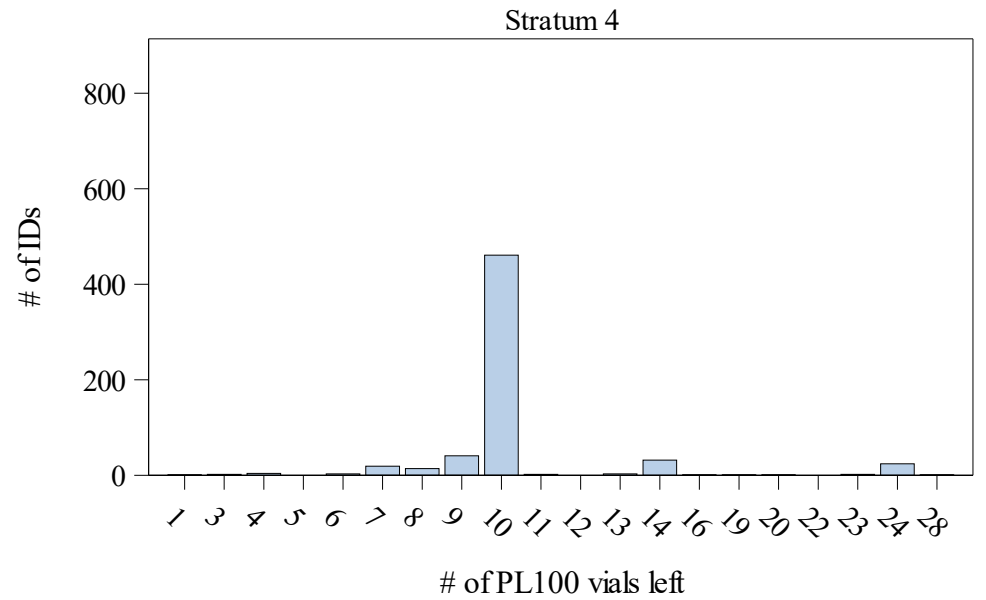
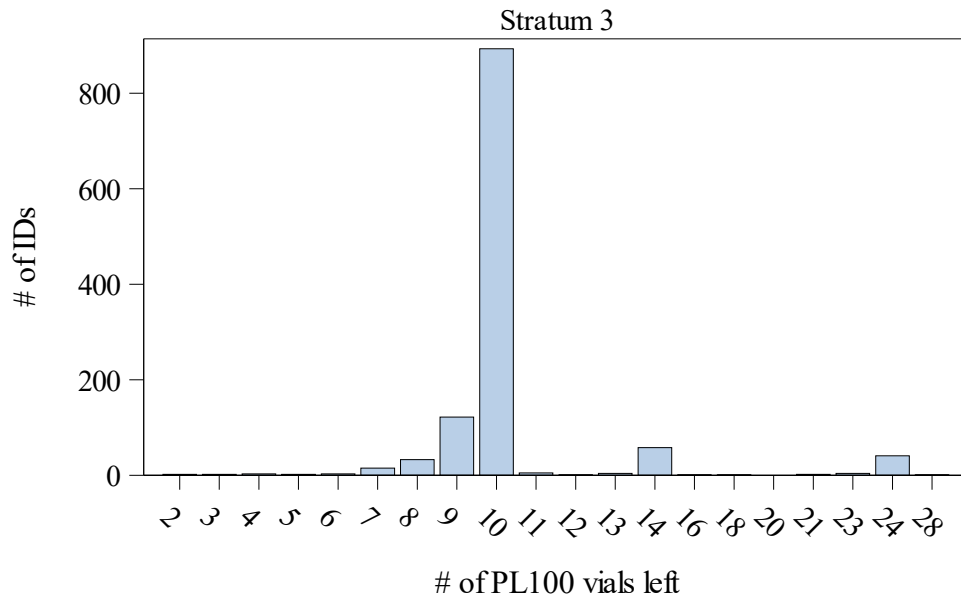
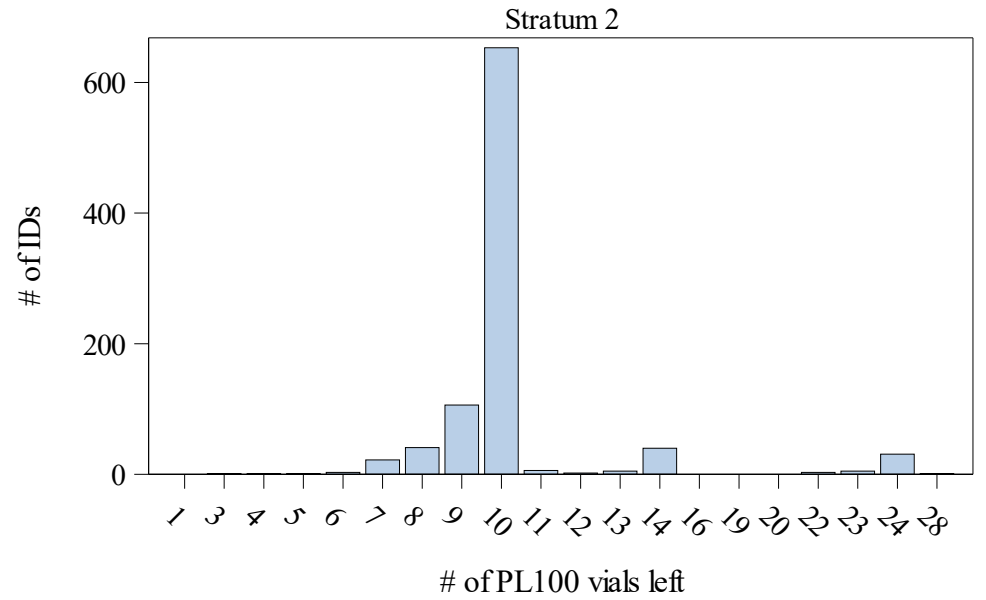
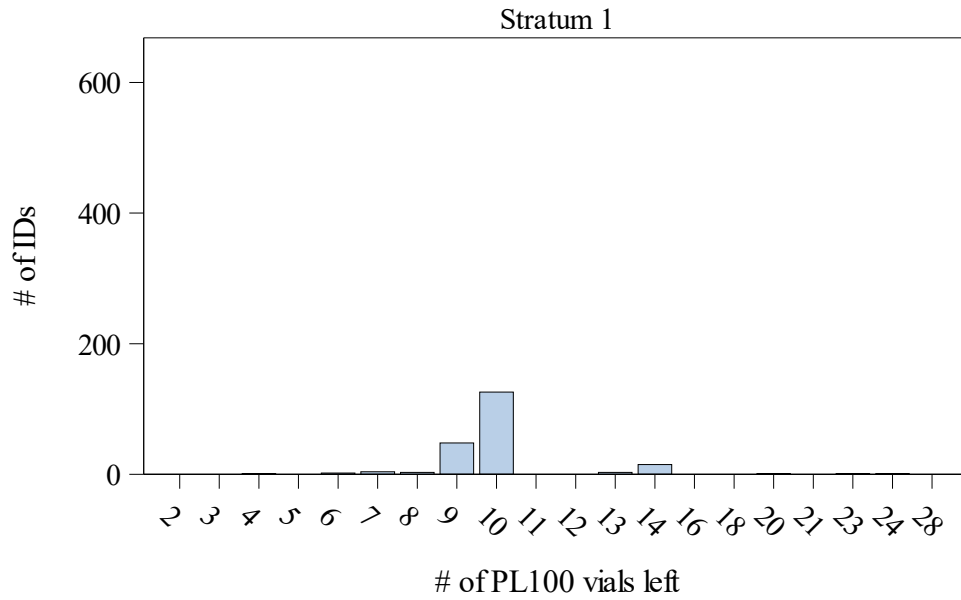
State of PLLT



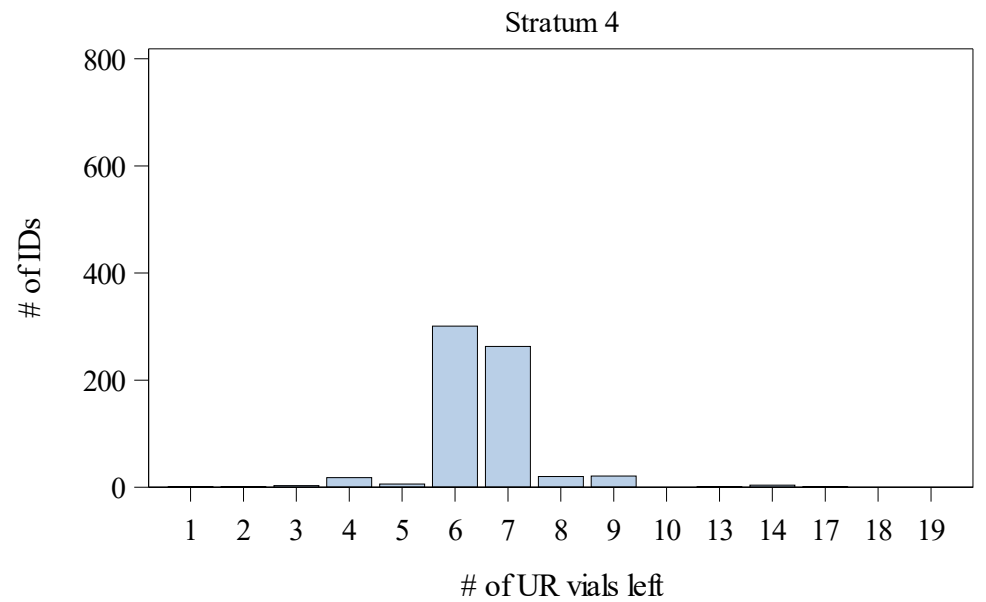
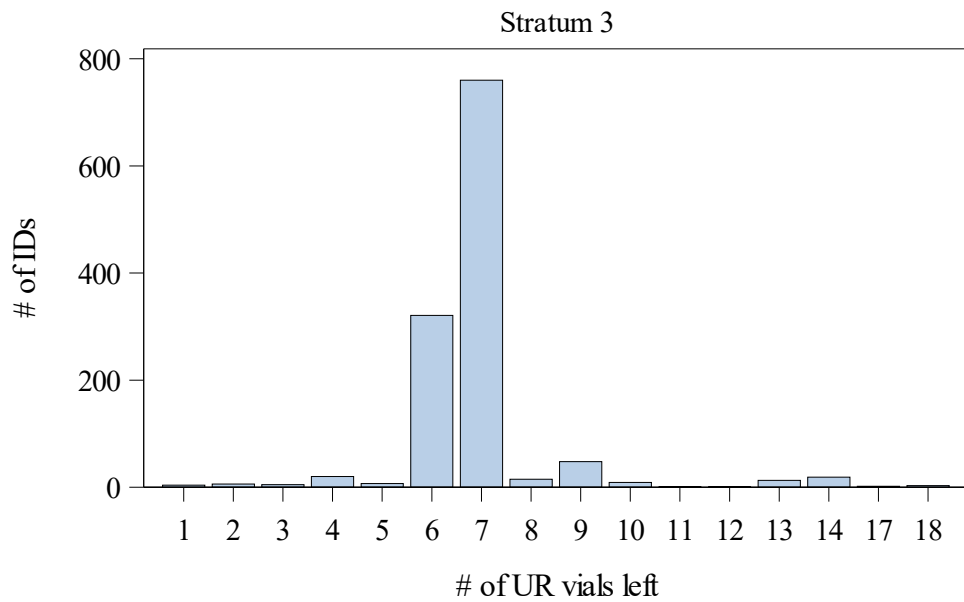
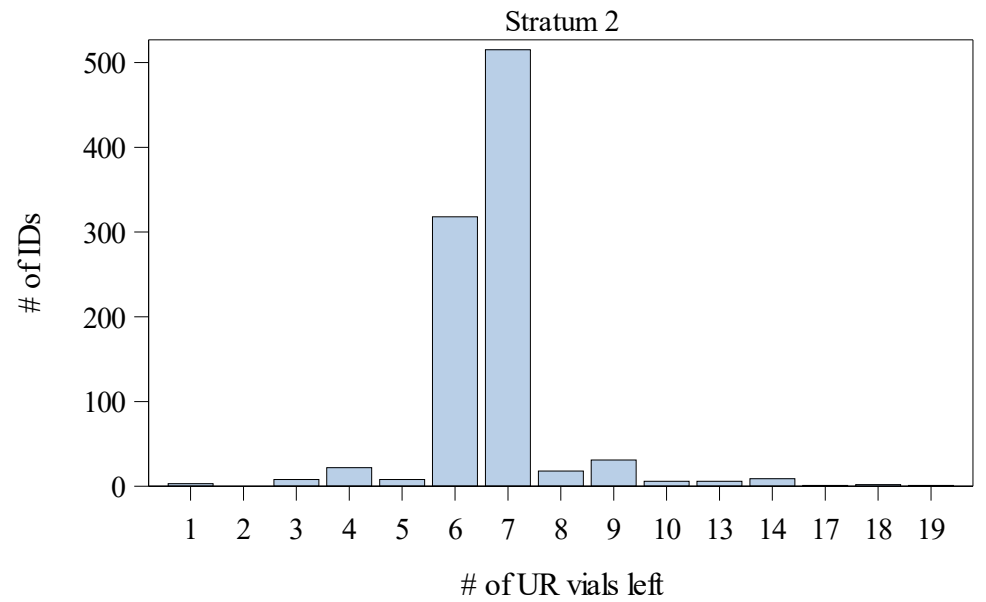
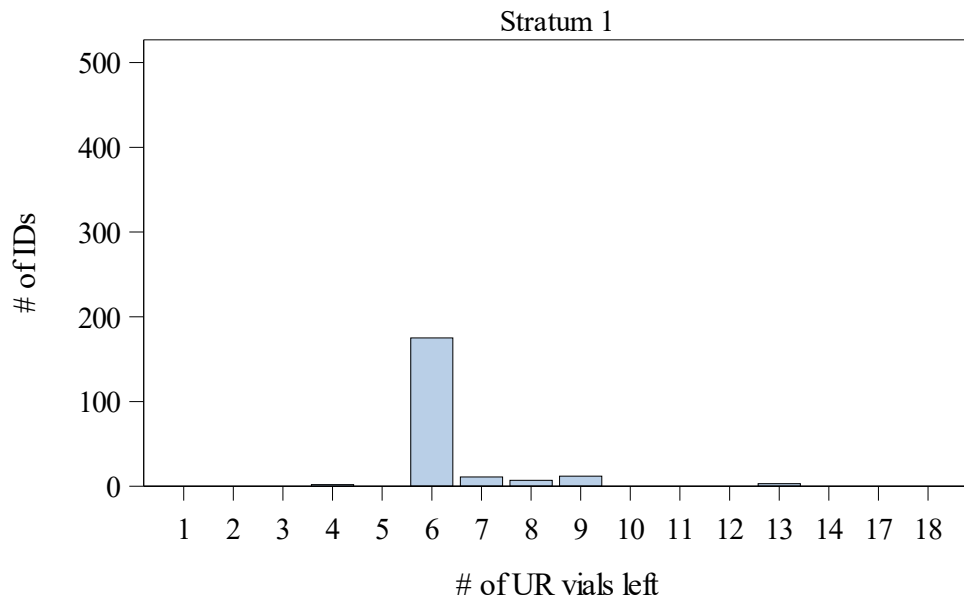
State of Serum



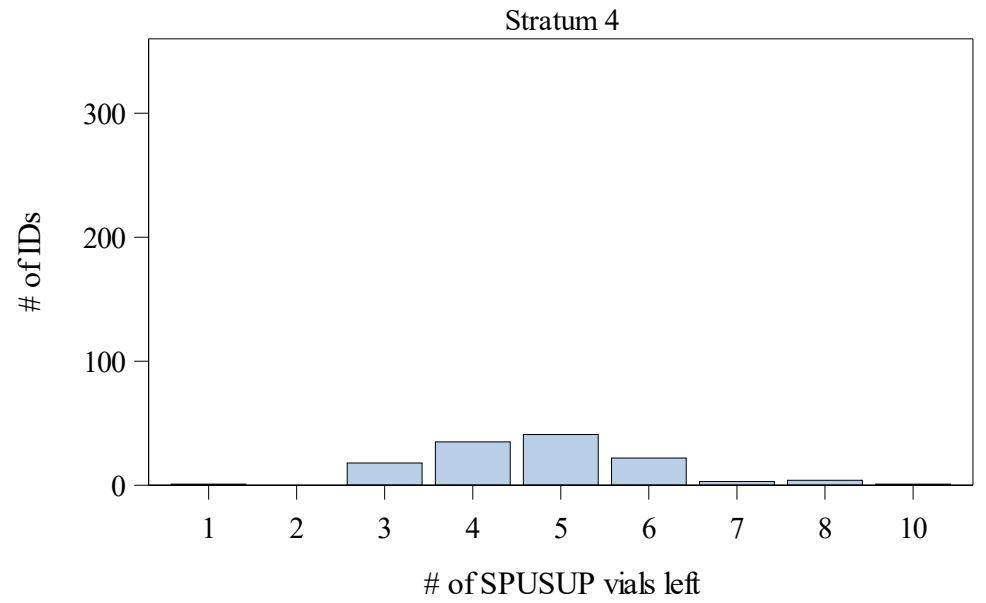
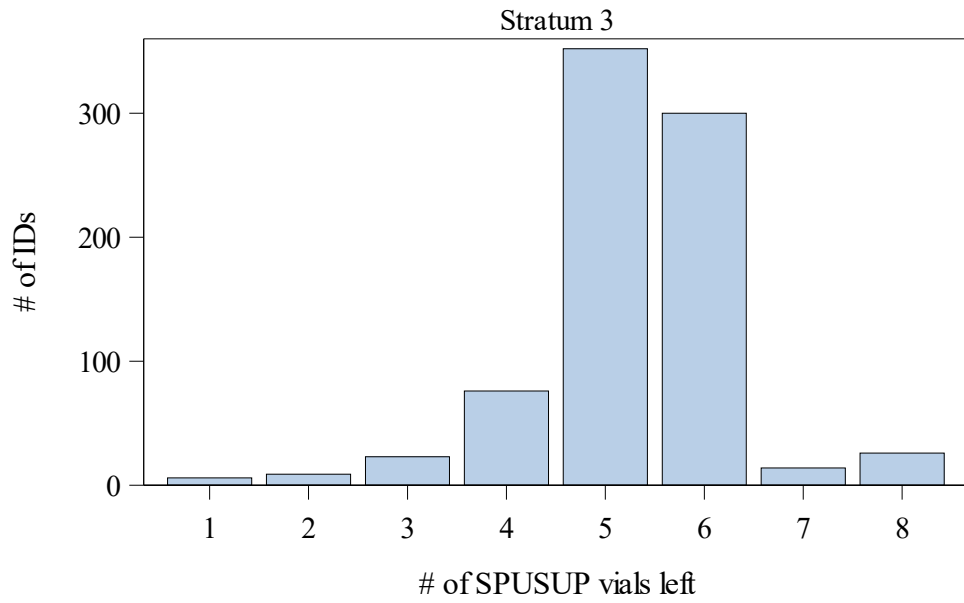
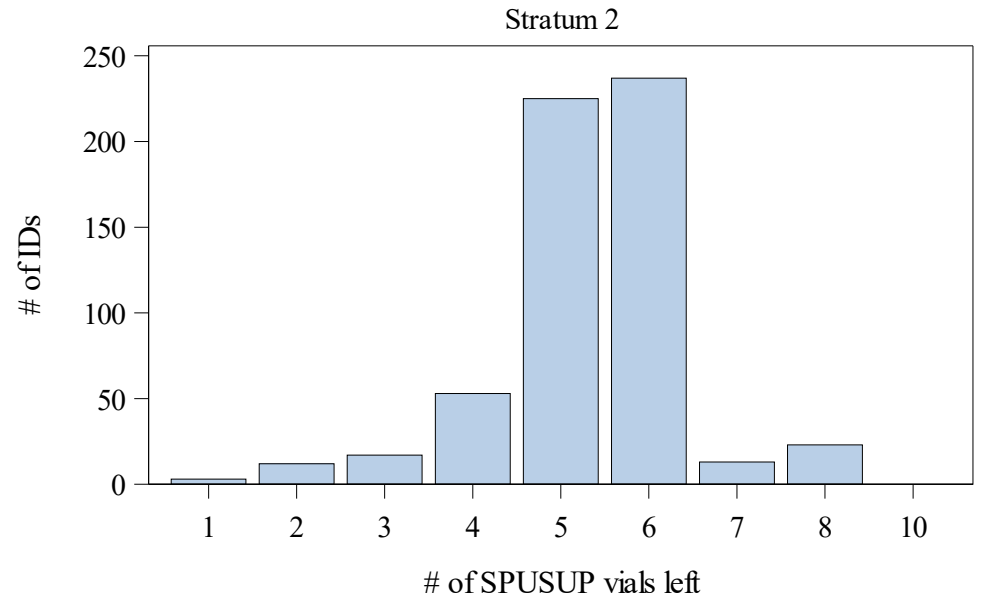
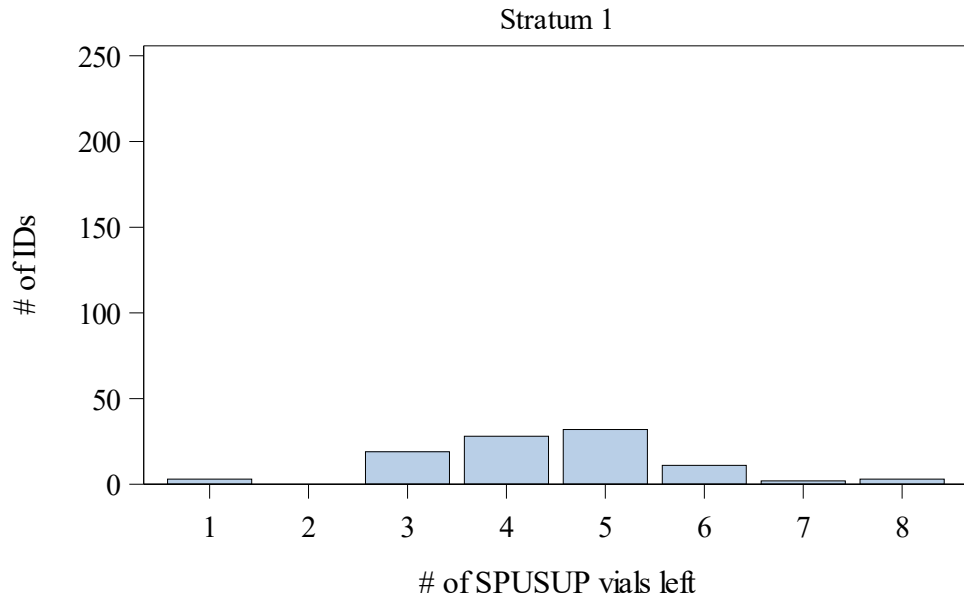
State of PL100



State of Urine



State of SPUSUP



SPIROMICS Study
BSP Inventory Bronchoscopy Status for All Stratums

Based on BSP data November 1, 2018

Material Type	Material Description	N	QTY	VOL
BALEP	These are likely cytobrush samples labeled incorrectly	2	1	500.75
BIOSA	See Bronch MOP 3.5.10 Saline suctioned through scope (microbiome control)	5	1	10000
RNAlater Bronchial Lavage for microbiome	RNAlater bronchial lavage for microbiome	6	1	10000
Bronchial Lavage macrophage alq	Bronchial Lavage macrophage alq	23	1	1000
BLNP	See Bronch MOP 4.3.3 Pooled/mixed BAL with no preservative for microbiome	3	1	10000
Bronchial lavage supernatant	Bronchial lavage supernatant	202	27	1000
Brush	This is likely a cytobrush	1	1	100
RNAlater Bronchial wash supe for microbiome	Bronchial wash for microbiome	2	1	13500
Bronchial Wash pellet	Bronchial wash pellet	182	1	600
Bronchial wash Supe	Bronchial wash supe	196	8	500
Epithelial	Epithelial	16	1	350
LAVex		1	1	1000
OPTBR	See MOP 4.4.2 optional small airway Cytological brushes	2	1	600
Oral Rinse	Oral rinse	118	1	10000
Oral Wash	These are likely oral rinses	3	2	10
OWEXT		1	1	10
Pellet	Pellet	2	1	1000
PLLT	Plasma from lavender top EDTA blood tubes	20	13.5	150
Protected epithelial brush	Protected epithelial brush	3	3	1000
RNA	RNA extracted from a number of different sources	169	11	5.7
SCOSA	See MOP 3.5.10 Scope Control saline sample	5	1	10000
Snap Frozen	Snap Frozen	159	1	0
Sputum	Sputum	1	1	4000
Wash conical1WSHsuperXS1	Wash conical1WSHsuperXS1	1	1	10000

SPIROMICS Study
BSP Inventory Branch ExternalCode for RNA for All Stratums

Based on BSP data November 1, 2018

External Code	Participants	Samples
BAL macro1BLMAC1	126	473
BAL macro1BLMAC2	2	5
BIOPSY1SF1	89	156
BIOPSY1SF2	27	49
CYTO BRUSH1EP1	151	1051
OVERALL	395	1734