

FCS File Description	Group	Experiment Week for Flow Analysis	Ascites Tap Number	Volume of Ascites (mL)	Live Cell Concentration (cells/mL)	Total Live Cells (trypan blue exclusion)	% Live Cells
Group1 1-1 ET301 Tap1 20201210	shGFP (Mock)	Week 7	1	10	2.2E+06	2.2E+07	82%
Group1 1-2 ET302 Tap2 20201210	shGFP (Mock)	Week 7	2	9	2.2E+06	2.0E+07	82%
Group1 1-3 ET353 Tap1 20201210	shGFP (Mock)	Week 7	1	8	2.6E+06	2.1E+07	93%
Group1 1-4 NoET Tap1 20201210	shGFP (Mock)	Week 7	1	7.5	3.5E+06	2.6E+07	82%
Group1 1-5 ET305 Tap2 20201210	shGFP (Mock)	Week 7	2	6.5	2.9E+06	1.9E+07	93%
Group1 2-1 ET341 Tap1 20201210	shGFP (Mock)	Week 7	1	10	2.1E+06	2.1E+07	92%
Group1 2-2 ET307 Tap1 20201210	shGFP (Mock)	Week 7	1	4	4.1E+06	1.6E+07	91%
Group1 2-3 ET308 Tap2 20201210	shGFP (Mock)	Week 7	2	10	4.1E+05	4.1E+06	87%
Group1 2-5 ET355 Tap1 20201210	shGFP (Mock)	Week 7	1	6	7.3E+05	4.4E+06	91%
Group2 3-2 ET312 Tap1 20201210	shGFP (DNMTI)	Week 7	1	2.5	4.1E+06	1.0E+07	88%
Group2 3-3 ET313 Tap1 20201210	shGFP (DNMTI)	Week 7	1	2.5	5.5E+06	1.4E+07	92%
Group2 3-4 ET342 Tap1 20201210	shGFP (DNMTI)	Week 7	1	3	3.4E+06	1.0E+07	93%
Group2 4-2 NoET Tap1 20201210	shGFP (DNMTI)	Week 7	1	5	2.8E+06	1.0E+07	89%
Group2 4-3 ET318 Tap2 20201210	shGFP (DNMTI)	Week 7	2	6.5	2.8E+06	2.4E+07	93%
Group2 4-5 ET345 Tap1 20201210	shGFP (DNMTI)	Week 7	1	6.5	6.5E+06	3.5E+07	85%
Group2 3-5 ET315 Tap1 20210108	shGFP (DNMTI)	Week 11	1	1.5	2.3E+06	3.5E+06	52%
Group2 4-1 ET343 Tap3 20210108	shGFP (DNMTI)	Week 11	3	8	8.0E+05	6.4E+06	75%
Group3 5-3 ET323 Tap1 20210108	shAdar1 (Mock)	Week 11	1	3.5	9.6E+06	3.3E+07	92%
Group3 5-4 NoET Tap2 20210108	shAdar1 (Mock)	Week 11	2	6.5	2.7E+06	1.8E+07	93%
Group4 7-2 ET332 Tap2 20210108	shAdar1 (DNMTI)	Week 11	2	10.5	3.6E+06	3.7E+07	93%
Group4 7-3 ET354 Tap1 20210108	shAdar1 (DNMTI)	Week 11	1	1	6.4E+06	6.4E+06	69%
Group4 7-4 ET334 Tap2 20210108	shAdar1 (DNMTI)	Week 11	2	7.5	2.6E+06	1.9E+07	65%
Group4 7-5 ET335 Tap1 20210108	shAdar1 (DNMTI)	Week 11	1	3	7.4E+06	2.2E+07	91%
Group4 8-3 ET340 Tap2 20210108	shAdar1 (DNMTI)	Week 11	2	8.5	3.2E+06	2.7E+07	95%

## Supplemental Table 1