

**Supplemental Table 5: Dissociation methods differ significantly regarding the cellular compositions of the tissue extract.** Numerous significant differences in absolute live CD45<sup>+</sup> cells, CD3<sup>+</sup> T cells, CD19<sup>+</sup> B cells, and CD11b<sup>+</sup> myeloid cells were observed with different tissue dissociation methods.

	Treatment 1	Treatment 2	Median 1	Median 2	p-value
CD45 <sup>+</sup>	Kit	Accutase 15	1.0E+06	1.2E+05	0.01
	Kit	Papain 15	1.0E+06	7.1E+04	0.00
	Kit	Papain 30	1.0E+06	1.2E+05	0.02
	Kit	Papain 60	1.0E+06	1.3E+05	0.04
	Accutase 15	Accutase 15/Papain 30	1.2E+05	2.8E+05	0.03
	Papain 15	Accutase 15/Papain 30	7.1E+04	2.8E+05	0.00
CD3 <sup>+</sup>	Papain 15	Accutase 15/Papain 30	9.7E+03	2.6E+04	0.04
CD19 <sup>+</sup>	Kit	Accutase 15	7.7E+03	7.7E+02	0.01
	Kit	Papain 15	7.7E+03	1.1E+03	0.02
	Kit	Papain 30	7.7E+03	2.7E+02	0.02
CD11b <sup>+</sup>	Kit	Papain 15	1.2E+06	6.0E+04	0.00
	Kit	Papain 30	1.2E+06	4.6E+04	0.00
	Papain 15	Accutase 15	6.1E+04	2.0E+05	0.01
	Papain 15	Accutase 15/Papain 30	6.1E+04	2.0E+05	0.02
	Papain 30	Accutase 15	4.6E+04	2.0E+05	0.01
	Papain 30	Papain 60	4.6E+04	4.6E+05	0.05
	Papain 30	Accutase 15/Papain 30	4.6E+04	2.0E+05	0.01