

Table S1. Results of three biological replicate experiments showing the fraction of primary satellite cells (syndecan-4 positive) that co-express each Eph and ephrin by flow cytometry

Antibody	Run #1	Run #2	Run #3	Average	Standard deviation
EphrinA1	74.0%	93.3%	97.4%	88.2%	12.5%
EphrinA2	96.1%	99.1%	79.1%	91.4%	10.8%
EphrinA3	94.7%	98.3%	97.9%	97.0%	2.0%
EphrinA4	11.7%	1.2%	6.3%	6.4%	5.3%
EphrinA5	38.9%	69.9%	78.3%	62.4%	20.8%
EphrinB1	97.5%	99.3%	98.6%	98.5%	0.9%
EphrinB2	1.6%	1.4%	1.3%	1.4%	0.2%
EphrinB3	19.80%	11.10%	6.90%	12.60%	6.58%
EPHA1	22.0%	48.9%	67.5%	46.1%	22.9%
EPHA2	98.2%	99.6%	95.6%	97.8%	2.0%
EPHA3	58.1%	79.5%	11.0%	49.5%	35.0%
EPHA4	5.3%	1.0%	1.0%	2.4%	2.5%
EPHA5	1.6%	0.6%	0.8%	1.0%	0.5%
EPHA6	1.30%	10.20%	4.70%	5.40%	4.49%
EPHA7	1.7%	3.9%	1.3%	2.3%	1.4%
EPHA8	3.0%	5.6%	6.2%	4.9%	1.7%
EPHB1	93.4%	99.5%	99.3%	97.4%	3.5%
EPHB2	91.3%	80.8%	97.0%	89.7%	8.2%
EPHB3	14.40%	11.00%	5.10%	10.17%	4.71%
EPHB4	69.7%	70.6%	81.6%	74.0%	6.6%
EPHB6	42.1%	12.2%	82.3%	45.5%	35.2%

Close peaks defined as $\geq 20\%$ standard deviation.

Ephrin-A2= RB488 and FL1-H
Syndecan-4 = CH633 and FL4-H



