

**Table S2. Raw data used in Figures 1C, 2B, 2C and 3.**

Transfection	quintile 1			quintile 2			quintile 3			quintile 4			quintile 5			total population		
	% GFP+ in Quintile 1	% mCherry+ in Quintile 1	GFP:mCherry ratio	% GFP+ in Quintile 2	% mCherry+ in Quintile 2	GFP:mCherry ratio	% GFP+ in Quintile 3	% mCherry+ in Quintile 3	GFP:mCherry ratio	% GFP+ in Quintile 4	% mCherry+ in Quintile 4	GFP:mCherry ratio	% GFP+ in Quintile 5	% mCherry+ in Quintile 5	GFP:mCherry ratio	% GFP+ in total	% mCherry+ in total	GFP:mCherry ratio
inactive + donor-1A	0	0		0	6.90E-03		0	0		0	0		0	7.28E-03		0	1.52E-03	
inactive + donor-1B	0	0		0	0		0	0		0	0		7.73E-03	0		8.20E-04	0	
inactive + donor-1C	0	0		0	0		0	0		5.48E-03	0		3.25E-03	0		1.47E-03	0	
inactive + donor-2A	0	0		0	2.42E-03		0	0		0	0		7.88E-03	7.88E-03		6.88E-04	1.38E-03	
inactive + donor-2B	0	0		0	2.79E-03		0	0.0169		0	0		0.0159	0		1.35E-03	1.35E-03	
inactive + donor-3A	0	0		0	0		0	0		0	0		8.35E-03	0		7.43E-04	0	
inactive + donor-3B	0	0		0	0		0	0		3.15E-03	0		4.42E-03	0		7.65E-04	0	
inactive + donor-3C	0	0		0	0		0	0		0	0		0	0		0	0	
Mean	0.000	0.000		0.000	0.002		0.000	0.002		0.001	0.000		0.006	0.002		0.001	0.001	
SEM	0.000	0.000		0.000	0.001		0.000	0.002		0.001	0.000		0.002	0.001		0.000	0.000	
nickase + donor-1A	0	0	#DIV/0!	0	0	#DIV/0!	0	0.0128	0.000	0.122	0.0136	8.971	0.347	0	#DIV/0!	0.0707	4.21E-03	16.793
nickase + donor-1B	0	0	#DIV/0!	0	0	#DIV/0!	0.0525	0.0131	4.008	0.114	0.0131	8.702	0.524	0.0204	25.686	0.0896	5.81E-03	15.422
nickase + donor-1C	0	5.48E-03	0.000	0	2.56E-03	0.000	6.27E-03	0.0188	0.334	0.114	0.0193	5.907	0.404	0.016	25.250	0.073	9.42E-03	7.749
nickase + donor-2A	0	0	#DIV/0!	0	0	#DIV/0!	7.31E-03	0	#DIV/0!	0.0748	9.35E-03	8.000	0.315	0.0109	28.899	0.0412	2.10E-03	19.619
nickase + donor-2B	0	2.13E-03	0.000	0	9.99E-04	0.000	0	0	#DIV/0!	0.114	0.0252	4.524	0.3	7.42E-03	40.431	0.0428	4.52E-03	9.469
nickase + donor-3A	0	0	#DIV/0!	1.55E-03	0	#DIV/0!	9.43E-03	0.0283	0.333	0.0611	3.22E-03	18.975	0.243	4.26E-03	57.042	0.0305	2.20E-03	13.864
nickase + donor-3B	0	0	#DIV/0!	0	0	#DIV/0!	0.0156	7.79E-03	2.003	0.0532	0.0125	4.256	0.217	0.0123	17.642	0.0272	3.35E-03	8.119
nickase + donor-3C	0	4.18E-03	0.000	0	2.31E-03	0.000	7.80E-03	0	#DIV/0!	0.066	0.0126	5.238	0.227	0.029	7.828	0.0293	6.31E-03	4.643
Mean	0.000	0.001	#DIV/0!	0.000	0.001	#DIV/0!	0.012	0.010	1.335	0.090	0.014	8.072	0.322	0.013	28.968	0.051	0.005	11.960
SEM	0.000	0.001	#DIV/0!	0.000	0.000	#DIV/0!	0.006	0.004	0.754	0.010	0.002	1.690	0.037	0.003	6.015	0.008	0.001	1.841
cleavase + donor-1A	9.99E-03	0.145	0.069	0.128	1.31	0.098	0.771	6.21	0.124	1.27	7.53	0.169	1.45	4.2	0.345	0.198	1.15	0.172
cleavase + donor-1B	8.72E-03	0.166	0.053	0.147	1.61	0.091	1.04	6.42	0.162	1.13	7.26	0.156	1.33	3.81	0.349	0.19	1.17	0.162
cleavase + donor-1C	9.19E-03	0.095	0.097	0.104	1.17	0.089	0.762	5.23	0.146	1.45	6.27	0.231	1.27	3.44	0.369	0.175	0.877	0.200
cleavase + donor-2A	4.42E-03	0.0379	0.117	0.0578	0.32	0.181	1.05	4.52	0.232	1.84	6.71	0.274	1.4	3.5	0.400	0.153	0.587	0.261
cleavase + donor-2B	2.84E-03	0.0418	0.068	0.0484	0.322	0.150	0.84	4.39	0.191	1.62	6.21	0.261	1.17	3.45	0.339	0.145	0.627	0.231
cleavase + donor-3A	2.60E-03	0.0301	0.086	0.0841	0.41	0.205	1.08	3.4	0.318	1.49	4.48	0.333	1.35	2.28	0.592	0.139	0.411	0.338
cleavase + donor-3B	6.32E-04	0.0316	0.020	0.0713	0.419	0.170	0.824	3.74	0.220	1.46	4.97	0.294	0.998	2.21	0.452	0.121	0.476	0.254
cleavase + donor-3C	1.83E-03	0.0286	0.064	0.0472	0.318	0.148	0.829	3.15	0.263	1.31	4.37	0.300	0.976	2.04	0.478	0.112	0.39	0.287
Mean	0.005	0.072	0.072	0.086	0.735	0.142	0.900	4.633	0.207	1.446	5.975	0.252	1.243	3.116	0.416	0.154	0.711	0.238
SEM	0.001	0.020	0.010	0.013	0.189	0.016	0.047	0.436	0.023	0.078	0.435	0.022	0.063	0.290	0.031	0.011	0.112	0.021