Table S2. Lifetime fit results (Supporting Information)

The emission decay curves were fitted to the following equation in the Fluoracle® software:

$$y = A + B_1 exp(-x/\tau_1) + B_2 exp(-x/\tau_2) + B_3 exp(-x/\tau_3)$$

where A, B_1, B_2, and B_3 are amplitudes and τ_1, τ_2, and τ_3 are the lifetimes of the decay components, respectively. All the fitting parameters (amplitudes) and lifetimes for E30, HTE55 and HTE75 samples are given below.

Table I. Lifetime fit results for E30.

λ_{em} (nm)	A	B_1	τ_1 / µs	B_2	τ_2 / µs	B_3	τ_3 / µs	χ^2
560	1.19	7420 ± 20	1.95 ± 0.01	208 ± 22	6.17 ± 0.28			1.21
670	1.08	905 ± 16	6.89 ± 0.16	178 ± 3	82.2 ± 2.0	49.5 ± 1.3	435 ± 6	1.045
816	1.84	2830 ± 30	5.56 ± 0.08	564 ± 6	94.2 ± 1.2	286 ± 2	798 ± 4	1.208
1530	1.06	399 ± 1	2570 ± 10					1.022

Table II. Lifetime fit results for HTE55.

λ_{em}	A	B_1	τ_1 / µs	B_2	τ_2 / µs	B_3	τ_3 / µs	χ^2
657	9.79	1000 ± 470	0.94 ± 0.01	475 ± 17	5.28 ± 0.11	19.7 ± 0.4	122 ± 5	1.34
805	5.46	710 ± 10	5.33 ± 0.12	812 ± 2	84.6 ± 0.2			1.178
1530	437	7310 ± 70	92.1 ± 0.7	915 ± 74	224 ± 7			1.038

Table III. Lifetime fit results for HTE75.

λ_{em}	A	B_1	τ_1 / µs	B_2	τ_2 / µs	B_3	τ_3 / µs	χ^2
657	5.24	6030 ± 54	0.69 ± 0.01	688 ± 17	4.23 ± 0.06	19.1 ± 0.4	107 ± 4	1.246
805	12.4	2495 ± 18	4.35 ± 0.05	550 ± 12	35.4 ± 1.1	359 ± 16	93.9 ± 1.7	1.196
1530	430	2720 ± 130	68.6 ± 1.6	725 ± 130	140 ± 8			1.045