Human Reproduction, pp. 1–2, 2021
doi:10.1093/humrep/deab233

human reproduction

SUPPLEMENTARY DATA

Supplementary Table SII Specification of spectral channels with their respective excitation, emission, dichroic mirror wavelengths and laser powers for hyperspectral system in The University of Adelaide, South Australia, Australia.

Spectral channel	Wavelength (nm)			Power (μW)	Exposure time (s)
	Excitation	Emission	Dichroic mirror		
1	367	475	442	3.21	5.0
2	372	475	442	3.60	5.0
3	378	475	442	4.35	4.0
4	384	475	442	4.38	4.0
5	388	475	442	4.30	4.0
6	394	475	442	6.44	4.0
7	401	475	442	9.91	4.0
8	409	475	442	10.30	4.0
9	418	475	442	12.84	4.0
10	340	593	561	3.27	4.0
11	367	593	561	3.26	4.0
12	372	593	561	3.68	4.0
13	378	593	561	4.39	4.0
14	384	593	561	4.41	4.0
15	388	593	561	4.31	4.0
16	394	593	561	6.50	4.0
17	401	593	561	10.06	4.0
18	409	593	561	10.79	4.0
19	418	593	561	15.64	4.0
20	430	593	561	21.90	4.0
21	443	593	561	27.80	4.0
22	455	593	561	26.50	4.0
23	465	593	561	26.70	4.0
24	475	593	561	31.40	4.0
25	495	593	561	18.36	4.0
26	501	593	561	16.75	4.0
27	401	593	561	6.40	4.0
28	409	593	561	8.08	10.0
29	418	593	561	14.06	4.0
30	430	715	695	22.81	4.0
31	443	715	695	30.00	4.0

(continued)

Supplementary Table SII Continued

Spectral channel	Wavelength (nm)			Power (μW)	Exposure time (s)
	Excitation	Emission	Dichroic mirror		
32	455	715	695	28.60	4.0
33	465	715	695	29.00	4.0
34	475	715	695	34.00	4.0
35	495	715	695	20.81	4.0
36	501	715	695	19.82	4.0
37	597	715	695	18.67	4.0
38	639	715	695	37.70	4.0
39	664	715	695	49.00	4.0
40	White	593	561	3.21	0.01