

Kobler et al. (2021) *A quick and versatile protocol for the 3D visualization of transgene expression across the whole body of larval Drosophila.*

Supplementary Table 1: Imaging parameters

Abbreviations: exc.: excitation; em.: emission; corr.: corrected; dyn.: dynamic; illumin.: illumination; exp.: exposure; l/s: lines per second

Figure	Fluorescence filter [nm]								Microscopy parameters											
	Autofluorescence		EGFP / Venus		mCherry-CAAX		mIFP		Objective			Optical zoom	z-step [µm]	z #	tiles #	dyn. focus	Illumin. sides	Exp. time [ms]	Acquisition time [min]	Data size [GB]
	exc.	em.	exc.	em.	exc.	em.	exc.	em.	Olympus zoombody	Infinity corr. tube	Leica CLSM									
1 A-C''	470/30	520/40	/	/	570/20	625/30	/	/	/	4x	/	2	1	854	3	yes	1	255	185	40
2 A-A''	/	/	/	/	595/20	625/30	/	/	2x	/	/	4	1	1191	4	no	1	200	26	37.2
2 B-B''	681/24	720/24	/	/	595/20	625/30	/	/	/	12x	/	1	1	872	1	no	1	162	8	13.6
3 A-C'''	530/30	585/40	/	/	/	/	681/24	720/24	/	12x	/	1	1	1537	6	yes	1	215	528	144
4 A-B''	/	/	/	/	595/20	625/30	681/24	720/24	2x	/	/	4	2	627	4	no	1	300	34	39.2
4 C-C''	/	/	/	/	561	580-620	633	680-730	/	/	20x	3	0.5	366	1	/	/	400 l/s	96	6.1
5 A-A''	/	/	500/20	535/30	595/20	625/30	681/24	720/24	/	12x	/	1	1	1361	5	yes	2	199	1113	207
5 B-B''	/	/	500/20	535/30	595/20	625/30	681/24	720/24	/	20x	/	1	1	959	3	no	1	200	44	67.5
S2 A	/	/	480/20	520/40	/	/	/	/	/	12x water	/	1	1	375	1	no	2	200	4	2.9
S2 B	/	/	480/20	520/40	/	/	/	/	/	12x	/	1	1	811	4	no	1	200	18	25.4
S2 C-D	595/20	625/30	480/20	520/40	/	/	/	/	/	12x	/	1	1	986	5	no	2	200	107	77.1
S3 A	/	/	/	/	/	/	681/24	720/24	2	/	/	2.5	2	393	2	no	1	200	8	12.2
S3 B	/	/	/	/	/	/	681/24	720/24	2	/	/	2.5	2	648	3	no	1	200	20	30.4
M 1	As in Fig. 2 A-A''																			
M 2	As in Fig. 2 B-B''																			
M 3	As in Fig. 3 A-C'''																			
M 4	/	/	/	/	595/20	625/30	681/24	720/24	/	20x	/	1	1	822	1	no	1	300	17	19.2
M 5	/	/	/	/	595/20	625/30	681/24	720/24	/	20x	/	2	1	256	1	no	1	300	3	4
M 6	As in Fig. 5 A-A''																			