Supplementary File 3: SL measurements and HAA measurements and WT pattern description by stage are given as by [1]. Corresponding dpf for the stages are approximated from the images of Frohnhöfer *et al* [2].

Stage	SL (mm)	HAA (mm)	WT pattern description	≈ dpf
PB	7.2	0.83	Faint strip of dense S-iridophores at center	21
PR	8.6	1.2	Loose S-iridophores spreading across 1D and 1V	30
SP	9.6	1.46	Dense S-iridophores present in X1V and X1D	39
SA	10.4	1.7	X1D and X1V forming	44
J	11	2.05	2V and 2D faint	51
J+	13.5	2.5	2V and 2D forming	70
J++	16	3	2V and 2D formed	-

1 References

2 [1] D. M. Parichy, M. R. Elizondo, M. G. Mills, T. N. Gordon, and E. Engeszer.
3   Normal Table of Post-Embryonic Zebrafish Development: Staging by Ex-
4   ternally Visible Anatomy of the Living Fish. *Dev. Dyn.*, 238(12):2975–3015,
5   2011.

6 [2] H. G. Frohnhofer, J. Krauss, H.-M. Maischein, and C. Nusslein-Volhard.
7   Iridophores and their interactions with other chromatophores are required
8   for stripe formation in zebrafish. *Development*, 140(14):2997–3007, 2013.