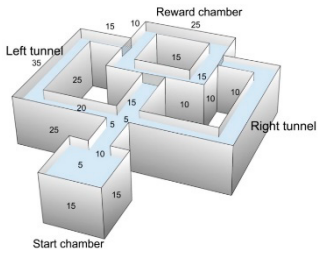
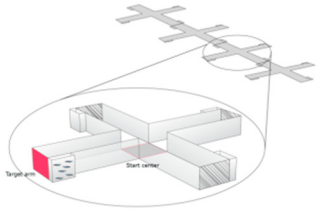
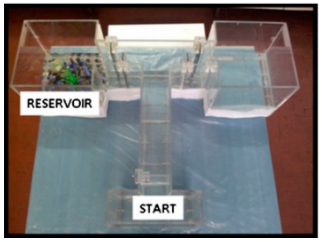
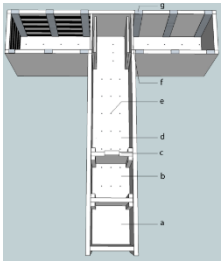
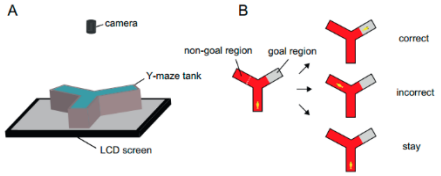
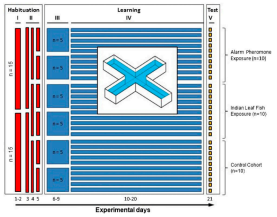
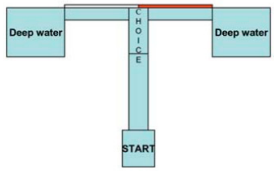
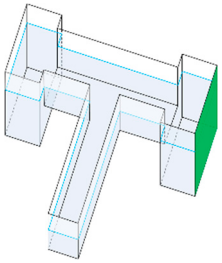
Table S1. Comparison of this study with previous other type of maze on evaluating learning and memory performance in zebrafish

Design	Age-zebrafish	Traveled length	Stimulus	Duration	Citation
	Adult	90 cm	Conspecific	16 days	[1]
	Adult	11.25 cm	Color cue and conspecific	8 days	[2]
- The stem of the maze: 50 x 10 x 10 cm, - Area at the foot of the stem to form a star box: 10 x 10 x 10 cm - Each arm of the maze: 20 x 10 x 10 cm	Adult	40cm	Color cue and food	Unknown	[3]

	Adult	50cm	Preference cue and food	6 days	[4]
	Adult	40cm	Electric shock	4 days	[5]
	Adult	20 cm	Color cue (bottom) and electric shock	120 trials/2 day	[6]
	Adult	50 cm	Color cue and food	21 days	[7]

	Young-middle	14 cm	Color cue and food	Unknown	[8]
	Adult	22 cm	Color cue and electric shock	9 trials/2 days	This study

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3. Colwill, R.M.; Raymond, M.P.; Ferreira, L.; Escudero, H. Visual discrimination learning in zebrafish (danio rerio). *Behavioural Processes* **2005**, *70*, 19-31.
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