

FAST tags X Fluorogens

	FAST1	FAST2	pFAST	tdFAST1	tdFAST2	splitFAST	redFAST	greenFAST	frFAST	split-frFAST	
	a.k.a. Y-FAST	a.k.a. iFAST	optimized FAST	FAST1 tandem	FAST2 tandem	FAST1 split	for red labelling	for green labelling	for far-red labelling	split for far-red labelling	
TF Lime a.k.a. HMBR 480-541 nm	+++	+++	+++	+++	+++	+++	0	+++	+	+	<i>PNAS</i> 2016
TF Amber a.k.a. HBR-3,5DM 499-558 nm	+++	+++	+++	+++	+++	+++	0	0	+	+	<i>Chem. Sci.</i> 2017
TF Amber-NP a.k.a. HBRAA-3E 505-559 nm non permeant	+++	+++	+++	+++	+++	+++	0	0	+	+	<i>Bioconjug. Chem.</i> 2018
TF Fox-NP a.k.a. HBRAA-3,5DM 524-578 nm non permeant	n.d.	n.d.	+++	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	<i>Nat. Commun.</i> 2021
TF Coral a.k.a. HBR-3,5DOM 516-600 nm	+++	+++	+++	+++	+++	+++	+++	0	+	+	<i>Chem. Sci.</i> 2017
TF Poppy a.k.a. HPAR-3OM 555-670 nm	0	0	0	0	0	0	0	0	+++	+++	<i>Angew. Chem. Int. Ed.</i> 2020
TF Darth a.k.a. HBIR-3M non fluorescent	n.d.	n.d.	+++	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	<i>Nat. Commun.</i> 2021
	<i>PNAS</i> 2016	<i>Biochemistry</i> 2018	<i>Nat. Commun.</i> 2021	<i>Biochemistry</i> 2018	<i>Biochemistry</i> 2018	<i>Nat. Commun.</i> 2021	<i>Nat. Chem. Biol.</i> 2020	<i>Nat. Chem. Biol.</i> 2020	<i>Angew. Chem. Int. Ed.</i> 2020		
	+++ perfect fit			+ average		0 NOK		n.d. no data			

This table allows for selecting the best couple FAST tag X Fluorogen