



metabion

# qPCR Probe Reporter-Quencher Combinations Table

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## Reporter-Quencher Combinations Table

Reporters				Quenchers													
Emission colour	Fluorescent Dyes	Abs max (nm)	Em max (nm)	MBQ-1		MBQ-2		BHQ-1		BHQ-2		BHQ-3		Eclipse®		Dabcyl	
	Atto 390	390	476	Abs range (nm): 480 - 580		Abs range (nm): 550 - 650		Abs range (nm): 480 - 580		Abs range (nm): 550 - 650		Abs range (nm): 620 - 730		Abs range (nm): 390 - 625		Abs range (nm): 380 - 530	
	Atto 425	439	485	Abs max (nm): 534		Abs max (nm): 579		Abs max (nm): 534		Abs max (nm): 579		Abs max (nm): 672		Abs max (nm): 522		Abs max (nm): 453	
	Atto 465	453	506														
	6-Fam	495	520														
	Atto 495	498	526														
	Atto 488	500	520														
	Tet	521	542														
	Atto 520	517	538														
	Atto 430LS	436	545														
	Joe	520	545														
	Yakima Yellow®	530	550														
	Atto 532	532	552														
	HEX	533	559														
	MEX	536	551														
	Atto Rho6G	533	557														
	Atto 550	554	576														
	Tamra	543	575														
	Cy3	554	566														
	DY510XL	509	590														
	Atto 565	564	590														
	Rox	578	604														
	Texas Red®	590	615														
	Atto 590	593	622														
	Atto Rho13	603	627														
	DY480XL	500	630														
	Atto Rho14	626	646														
	Atto 633	630	651														
	Atto 647N	646	664														
	Cy5	647	665														
	Atto 665	662	680														
	Atto 490LS	495	658														
	Atto 655	663	680														
Cy5.5	683	703															
IRDye® 700	685	705															
Atto 700	700	716															

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