

Name	Spectral info		Availability in GENERI BIOTECH				Recommended quencher
	Ex	Em	Routine synthesis <sup>1</sup>	Oligo label <sup>2</sup>	On request <sup>3</sup>	N/A <sup>4</sup>	
FAM	495	520	✓	5'/3'/dT			BHQ-1
TET	521	536		5'/3'	✓		
CAL Gold 540	522	544		5'	✓		
JOE	520	548		5'	✓		
Yakima Yellow	530	549		5'	✓		
VIC	538	554				✓	
HEX	535	556	✓	5'			
CAL Orange 560	538	559		5'/3'/dT	✓		BHQ-2
Quasar 570	548	566		5'/3'/dT	✓		
TAMRA	555	576		3'/dT	✓		
Cy3	550	570	✓	5'			
Cy3.5	581	596		5'	✓		
Redmont Red	579	595		5'	✓		
ROX	575	602		3'	✓		
CAL Red 610	590	610		5'/dT	✓		
LC red 640	625	640				✓	
CAL Red 640	616	637		5'	✓		
PULSAR	460	650	✓	3'			
Quasar 670	647	667		5'/3'/dT	✓		
Cy5	645	670	✓	5'			
Cy5.5	683	707		5'	✓		
Quasar 705	690	705		5'/3'	✓		

<sup>1</sup> – ✓ - routinely synthesized in GB also as double labeled hydrolyzing probes for qPCR

<sup>2</sup> – oligonucleotide monolabeling

<sup>3</sup> – synthesis available on request

<sup>4</sup> – synthesis not offered yet

Note: The dyes used on ABI instruments, the VIC, NED, PET and LIZ in particular are proprietary of ABI and not available at all except from ABI directly. Most probably some of the dyes should be substituted by some common dyes (like VIC for HEX or NED for TAMRA) but due to the missing spectral informations for the original dyes there could be always spectral overlap problems on the ABI instruments.