



**Ella Biotech**  
special oligonucleotides are our business

**Reporter - Quencher**

Quencher								
Reporter	Abs	Em	Dabcyl	Eclipse	BHQ1	TAMRA	BHQ2	BHQ3
	Abs	[nm]	380-550	390-625	480-580	470-560	559-670	620-730
	Abs, max		453	522	535	544	579	672
Fam	495	520	X	X	X	X		
Tet	521	536	X	X	X	X		
YakimaYellow	530	549	X	X	X	X		
Joe	529	555	X	X	X	X		
Hex	535	556	X	X	X	X		
Cy3	549	566					X	
Tamra	557	583					X	
Cy3.5	581	596					X	
Rox	586	610				X	X	
Texas Red	597	616		X			X	
Cy5	646	669					X	(X)
Cy5.5	683	694					X	(X)
IRD700	685	705					X	(X)
CalFluor Gold540	522	544			X			
CalFluor Orange560	538	559			X			
CalFluor Red590	569	591					X	
CalFluor Red610	590	610					X	
CalFluor Red635	618	637					X	
LC610	590	610						
LC640	625	640						
Quasar670	647	670					X	(X)
Quasar705	690	705					X	(X)
Atto 390	390	476	X					
Atto 425	439	476			X			
Atto 488	502	522			X			
Atto 495	498	526			X			
Atto 520	517	538			X			
Atto 550	554	576					X	
Atto Rho12	577	600					X	
Atto Rho101	587	609					X	
Atto 594	603	626					X	
Atto Rho13	603	627					X	
Atto 610	616	633					X	
Atto 620	620	642					X	
Atto 647N	646	664					X	
DY-480XL	504	631					X	
DY-510XL	512	590					X	