

Dyes & Quenchers compatibility table

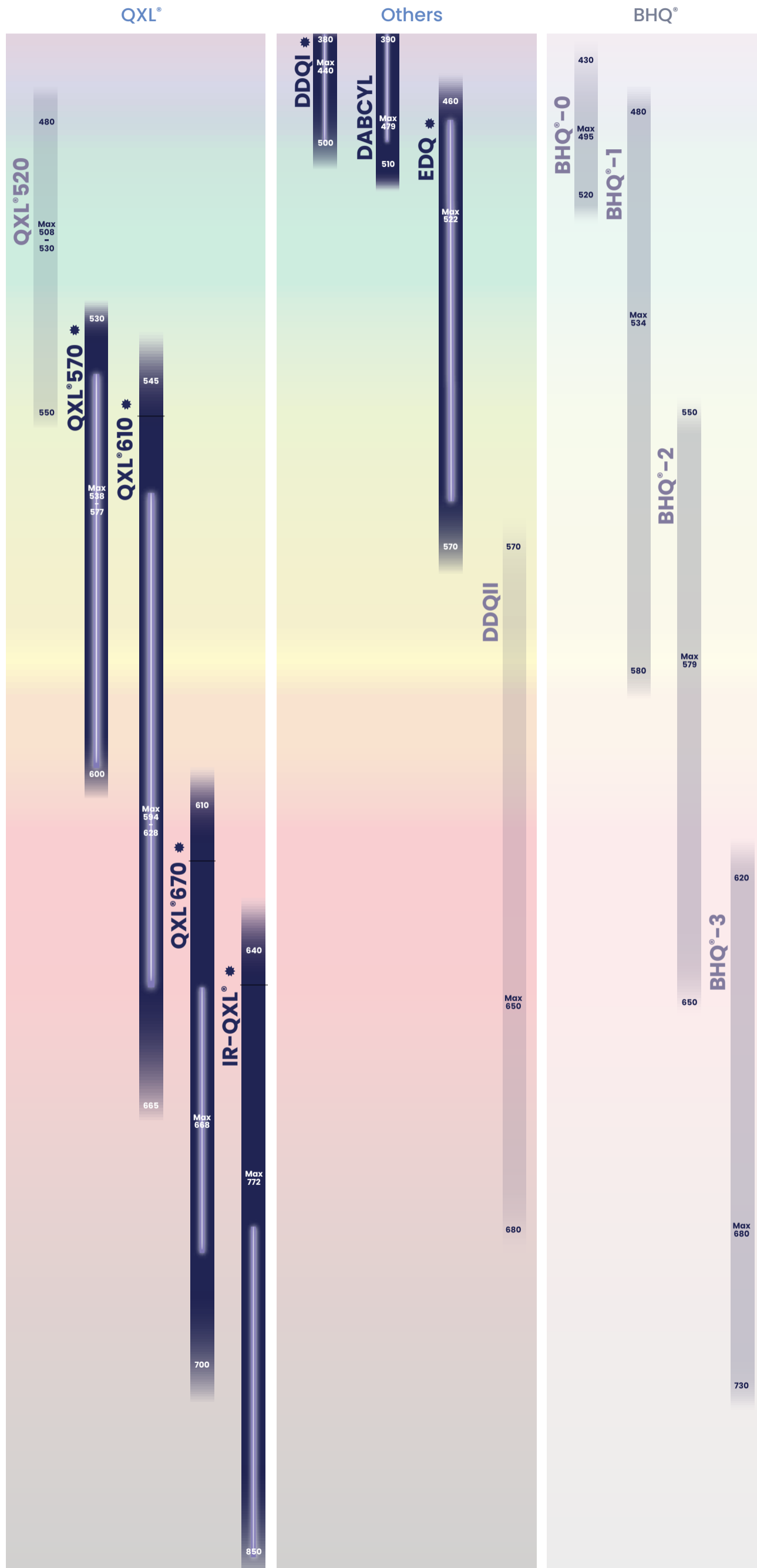
Fluorescent Dyes

Emission color UV	Fluorescent Dyes	Max Abs in nm	Max Em in nm
500	Cascade blue	396	410
	Alexa Fluor [®] 405	401	421
	AMCA-X	353	442
	Alexa Fluor [®] 350	346	442
	Pacific Blue [™]	416	451
	Marina blue [™]	362	459
	Epoch Blue	381	460
	ATTO 390	390	476
	ATTO 425	439	485
	EDANS	336	490
550	BODIPY [™] 493/503	500	506
	ATTO 465	453	509
	Cy ²	490	510
	BODIPY [™] FL	505	513
	Alexa Fluor [®] 488	495	519
	FAM	495	520
	DY-495	493	521
	ATTO 488	500	520
	HiLyte[™] Fluor 488	497	525
	Fluorescein	494	525
600	Oregon Green [™] 488-X	495	525
	Oregon Green [™] 488	501	526
	Oregon Green [™] 514	489	526
	ATTO 495	498	526
	Oyster-500	500	527
	Rhodamine Green [™]	505	527
	Rhodamine Green [™] -X	503	528
	DY-505	505	530
	Alexa Fluor [®] 430	433	541
	TET	521	536
650	ATTO 520	517	538
	Lucifer Yellow	428	532
	Alexa Fluor [®] 514	517	542
	CAL Fluor Gold 540	522	544
	Yakima Yellow[™]	530	549
	AP5	527	549
	BODIPY [™] R6G	528	550
	ATTO 532	532	552
	Alexa Fluor [®] 532	532	553
	BODIPY [™] 530/550	534	554
700	VIC	538	554
	JOE	529	555
	HEX	535	556
	CAL Fluor [™] Orange 560	538	559
	DY-485XL	485	560
	Alexa Fluor [®] 555	555	565
	HiLyte [™] Fluor 555	550	566
	Quasar 570	548	566
	BODIPY [™] 558/568	558	569
	Cy ³	550	570
750	Oyster-556	556	570
	BODIPY [™] 564/570	565	571
	DY-554	551	572
	DY-555	547	572
	DY-556	548	573
	Alexa Fluor [®] 546	556	573
	BODIPY [™] TMR	542	574
	NED	546	575
	Dragonfly orange [™]	554	576
	ATTO 550	554	576
800	DY-560	559	578
	Rhodamine Red [™] -X	560	580
	TAMRA	557	583
	Rhodamine Red [™]	570	590
	DY-510XL	509	590
	BODIPY [™] 576/589	576	590
	ATTO 565	564	590
	CAL Fluor [™] Red 590	569	591
	BODIPY [™] 581/591	584	592
	PET	558	595
Cy ^{3.5}	581	596	
DY-590	580	599	
ROX	575	602	
Alexa Fluor 568	578	603	
CAL Fluor [™] Red 610	590	610	
AP593	593	613	
LC Red 610	590	610	
Texas Red [™]	597	616	
HiLyte[™] Fluor 594	593	616	
BODIPY [™] TR	589	617	
Alexa Fluor [®] 594	590	617	
ATTO 590	593	622	
ATTO 594	603	626	
Alexa Fluor [®] 610	612	628	
DY-610	610	630	
DY-480XL	500	630	
ATTO 610	616	633	
CAL Fluor [™] Red 635	618	637	
BODIPY [™] 630/650	625	640	
LC Red 640	625	640	
DY-615	621	641	
ATTO 620	620	642	
Alexa Fluor [®] 633	632	647	
PULSAR 650	460	650	
ATTO 633	630	651	
DY-630	636	657	
DY-632	637	657	
DY-633	637	657	
DY-631	637	658	
BODIPY [™] 650/665	646	660	
DY-601XL	606	663	
DY-520-XL	520	664	
ATTO 647N	646	664	
Alexa Fluor [®] 647	650	665	
Oyster-645	645	666	
Cy ⁵	650	670	
Quasar [™] 670	647	670	
WellRed D4-PA	650	670	
DY-635	647	671	
DY-636	645	671	
DY-647PI	653	672	
DY-650	653	674	
Oyster-656	656	674	
HiLyte[™] Fluor 647	650	675	
DY-651	656	678	
ATTO 655	663	680	
Alexa Fluor [®] 660	663	690	
Cy ^{5.5}	675	694	
IRDye 700	680	697	
ATTO 680	681	698	
DY-675	674	699	
DY-676	674	699	
Alexa Fluor [®] 680	679	702	
Quasar [™] 705	690	705	
WellRED D3-PA	685	706	
DY-681	691	708	
DY-680	690	709	
LC Red 705	680	710	
ATTO 700	700	716	
Alexa Fluor [®] 700	702	723	
DY-700	707	730	
DY-701	706	731	
ATTO 725	728	751	
DY-730	732	758	
DY-732	736	759	
DY-731	736	760	
ATTO 740	743	763	
WellRED D2-PA	750	770	
Alexa Fluor [®] 750	749	775	
Cy ⁷	747	776	
DY-750	747	776	
HiLyte[™] Fluor 750	753	778	
DY-751	751	779	
DY-776	771	793	
DY-781	783	800	
DY-782	783	800	
DY-780	770	810	
IRDye 800	787	812	

Quenchers

Research & Commercial use

Research use only



ORDER

Oligonucleotides can be ordered via the web oligo configurator or on request at unique@eurogentec.com. For more information, please contact us at oligo@eurogentec.com

HIGH PERFORMANCE

Access[™] Dyes and Quenchers^{*} from Eurogentec are a class of high performance proprietary molecules with IP-friendly terms and conditions.

USAGE

In bold blue: Dyes & Quenchers for commercial & research use

In black: Dyes & Quenchers for research use only (RUO)

In light grey: Not available at Eurogentec

Dark blue bands represent the indicative quenching range of recommended quenchers.

Gray bands represent the indicative quenching range of alternate quenchers.

Purple bars represent the optimal recommended quenching range.

* Access[™] Dyes & Quenchers

All wavelength values are in nm.

Note: Spectral properties of a dye or a quencher may vary when coupled to another molecule