

Optical

5-Carboxy-fluorescein

A15

Alexa Fluor 488

Alexa Fluor 647

Alexa Fluor 680

Alexa Fluor 700

Alexa Fluor 750

AOI987

Au

BODIPY-FL

BODIPY TMR-X

CellVue Maroon

Cy5

Cy5.5

Cy7

Cypate

DiD

DiR

DY675

DY682

DY750

Fluorescein

Fluorescein isothiocyanate (FITC)

Green fluorescence protein

Green fluorescence protein (GFP), luciferin

HiLyte Fluor 647

IANBD

Indocyanine green

Indocyanine green and Alexa Fluor680

IR-783

IR-786

IR-820

IR-820 and FITC

IRDye700DX

IRDye78

IRDye 800CW

IRIS Blue

Luciferin

Malachite green

NIAD-4

NIR2

Oregon Green 488

Pyropheophorbide α (Pyro)

Quantum dot (QD)

Rhodamine green (RhodG)

RhodamineX

SIDAG

Single-walled carbon nanotubes (SWNTs)

Tetramethyl-6-carboxyrhodamine

Tetramethylrhodamine

THK-265

TOTO-3

VivoTag 750

VivoTag-S680

VM315

ZW800-1