FACSymphony PanelBuilder

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| Fluorochrome (detector) | Match brightness with antigen expression | Spread (SE: 3.5-5 5-10 >10) | Comments |
| Brightness: | Marker: | Into detector: | From Fluorochrome: |  |
| APC (R670) |  | e.g. CD25 | R730 and R780 | BUV660, PE-Cy5, BV650, BUV615, BB700 and BUV563 |  |
| APC-R700 (R730) |  |  | none | BUV737, BV711, BUV660, BB700, PE-Cy5, APC, BV650, BV750 and BUV615 |  |
| APC-Cy7 (R780) |  |  | none | BUV737, BUV660, BUV805, BV711, BB700, BV750, AF700, APC, PE-Cy5, PE-Cy7 and BB790 |  |
| FITC (B530) |  |  | No spread issues! |  |
| BB630 (B610) |  |  | V605, YG610, B750, B810, V750 | BUV615, PE-CF6594, PE |  |
| BB700 (B710) |  |  | R730, B750, B810, R670,V750, V710, R780,V810 and V677 | PE-Cy5 |  |
| BB750 (B750) |  |  | B810, V750 and V810 | PE-Cy7, PE-Cy5, BB790, BB700, BUV737, BB630, PE-CF594, BV711 and BV750  |  |
| BB790 (B810) |  |  | V810, B750, V750, UV810 and R780 | PE-Cy7, BB750, PE-Cy5, BB700, BUV737, BB630 and PE-CF594 |  |
| BUV395 (UV379) |  |  | none  | BUV496, BUV563, BUV615, BUV660 and BV480 |  |
| BUV496 (UV515) |  |  | UV379 and V525 | none |  |
| BUV563 (UV580) |  |  | YG586, YG610, UV379 and R670 | none |  |
| BUV615 (UV605) |  |  | YG610, V605, R670, B610, and UV379 | none |  |
| BUV660 (UV670) |  |  | R670, R730, R780, UV735, UV379 and UV810 | PE-Cy5 and BV650 |  |
| BUV737 (UV735) |  |  | R730, B750, R780, B810, UV810 and V750 | BV711, BV750 and BUV660 |  |
| BUV805 (UV810) |  |  | R780 | BB790, BV786, BUV737, PE-Cy7 and BUV660 |  |
| BV421 (V431) |  |  | No spread issues! |  |
| BV480 (V525) |  |  | UV379 and V605 | BUV496 |  |
| BV570 (V586) |  |  | V605 | PE |  |
| BV605 (V605) |  |  | V750 | BB630, BUV615, PE, PE-CF594, BV570 and BV480 |  |
| BV650 (V677) |  |  | R670, V750, R730, V810, V710 and UV670  | PE-Cy5 and BB700 |  |
| BV711 (V710) |  |  | R730, V750, UV735, V810, R780 and B750 | BB700, PE-Cy5 and BV650 |  |
| BV750 (V750) |  |  | V810, UV735, R780, B750 and R730 | BV711, BB750, BV650, BV786, BB700, BB790, PE-Cy5, BV605, BB630, PE-Cy7 and BUV737 |  |
| BV786 (V810) |  |  | V710 and UV810 | BB790, BV711, BV750, PE-Cy7, BV650, BB750, BB700 and PE-Cy5 |  |
| PE (YG586) |  |  | V586, B610, V605, YG610 and B750 | BUV563 |  |
| PE-CF594 (YG610) |  |  | B610, B750, V605 and B810 | BUV615, BB630, BV605, BUV563 and PE |  |
| PE-Cy5 (YG670) |  |  | R670, B710, B750, R730, B810, V750, R780, V677, V710, UV670 and V810 | none |  |
| PE-Cy5.5 (YG710) |  |  | Not tested!! Typically horrible spillover with BV711, BB700, BUV737 and PE-Cy5 at minimum. |  |
| PE-Cy7 (YG780) |  |  | B810, B750, V810, R780, V750 and UV810 | PE-Cy5 |  |