

## Additional File 2

### Clinical trials by probe.

| parent       | conjugate                  | class    | n  | nct_id                                                                                                                                                                                      |
|--------------|----------------------------|----------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bevacizumab* | IRDye800CW                 | antibody | 13 | NCT03913806,<br>NCT03620292,<br>NCT03877601,<br>NCT03558724,<br>NCT02583568,<br>NCT02113202,<br>NCT02129933,<br>NCT02743975,<br>NCT01972373,<br>NCT01508572,<br>NCT02975219,<br>NCT03757507 |
| Panitumumab* | IRDye800CW                 | antibody | 6  | NCT03582124,<br>NCT03405142,<br>NCT03384238,<br>NCT03510208,<br>NCT03733210,<br>NCT02415881                                                                                                 |
| Cetuximab*   | IRDye800CW                 | antibody | 5  | NCT03134846,<br>NCT02855086,<br>NCT02736578,<br>NCT01987375,<br>NCT03923881                                                                                                                 |
| ABY-029      | IRDye800CW                 | affibody | 3  | NCT03282461,<br>NCT03154411,<br>NCT02901925                                                                                                                                                 |
| KSP**        | IRDye800CW                 | peptide  | 3  | NCT03643068,<br>NCT03161418,<br>NCT03852576                                                                                                                                                 |
| BBN          | IRDye800CW/68Ga            | peptide  | 2  | NCT03407781,<br>NCT02910804                                                                                                                                                                 |
| Girentuximab | IRDye800CW/Indium-111-DOTA | antibody | 1  | NCT02497599                                                                                                                                                                                 |
| Labetuzumab  | IRDye800CW/Indium-111-DOTA | antibody | 1  | NCT03699332                                                                                                                                                                                 |

\*Structurally similar to IRDye800CW-nimotuzumab

\*\*KSP indicates one of three probes: KSP-QRH-E3, KSP-910638G, or KSP/QRH dimer