### Supplementary Table 2

#### Fusion protein sequences

| Fusion protein | Sequence |
|----------------|----------|
| scFvEGFR-4-1BBL | EVQLVESGGGLVQPGGSLRLSCAASGFSLTNYGVHWVRQAPGKGLEWLGVIWSGGNTDYNTPFTSRFTISRDNSKNTLYLQMNLSRAEDTAVVYCARALTYYDYEFAFWQGQTTVTSSGGGGSMSGGGSGGGSDDLQRTQSPSFASVGDRTVITCRASQSIGTNIHWYQOKPGKAPKLLIKYASESISGVPSRFSGSGGTAEFTLTISSLQPEDFATYYCQQQNNWWPTTFAGTKEIKRAAAHHHGHGGGGSEVQLVESGGGLVQPGGSLRLSCAASGFSLTNYGVHWVRQAPGKGLEWLGVIWSGGNTDYNTPFTSRFTISRDNSKNTLYLQMNLSRAEDTAVVYCARALTYYDYEFAFWQGQTTVTSSGGGGSMSGGGSGGGSDDLQRTQSPSFASVGDRTVITCRASQSIGTNIHWYQOKPGKAPKLLIKYASESISGVPSRFSGSGGTAEFTLTISSLQPEDFATYYCQQQNNWWPTTFAGTKEIKRAAAHHH |
| scFvEGFR-OX40L | EVQLVESGGGLVQPGGSLRLSCAASGFSLTNYGVHWVRQAPGKGLEWLGVIWSGGNTDYNTPFTSRFTISRDNSKNTLYLQMNLSRAEDTAVVYCARALTYYDYEFAFWQGQTTVTSSGGGGSMSGGGSGGGSDDLQRTQSPSFASVGDRTVITCRASQSIGTNIHWYQOKPGKAPKLLIKYASESISGVPSRFSGSGGTAEFTLTISSLQPEDFATYYCQQQNNWWFTTFAGTKEIKRAAAHHHGHGGGGSEVQLVESGGGLVQPGGSLRLSCAASGFSLTNYGVHWVRQAPGKGLEWLGVIWSGGNTDYNTPFTSRFTISRDNSKNTLYLQMNLSRAEDTAVVYCARALTYYDYEFAFWQGQTTVTSSGGGGSDDLQRTQSPSFASVGDRTVITCRASQSIGTNIHWYQOKPGKAPKLLIKYASESISGVPSRFSGSGGTAEFTLTISSLQPEDFATYYCQQQNNWWPTTFAGTKEIKRAAAHHH |
| B7-DbEGFR | VIHVTKVEKVATLSCGHNVSHVEELAQTRIYQKEEKMVLTMHSMDMNIWPEYKRTFIDIWNLSVLARLPSDGTGECVVLKYEKDAKREHLAEVTLSVAKDFP7SIDFEPSEFISNPCSIRRIICS TSGFPEPHELWSWLENELNITTVQDPETELAVSVSSKLDFMTTINSHFMLCKWGHRLV NQTFNWN'TKTQEHPPDNGGGGGSGGGSGGGSGGTITEVEQLVESGGGLVQPGGSLRLCSAA ASGFSLTNYGVHWVRQAPGKGLEWLGVIWSGGNTDYNTPFTSRFTISRDNSKNTLYLQMNLSRAEDTAVVYCARALTYYDYEFAFWQGQTTVTSSGGGGSDDLQRTQSPSFASVGDRTVITCRASQSIGTNIHWYQOKPGKAPKLLIKYASESISGVPSRFSGSGGTAEFTLTISSLQPEDFATYYCQQQNNWWPTTFAGTKEIKRAAAHHH |

