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                                20                  40                  60                  80                  100                 120
                                 |                   |                   |                   |                   |                   |
CA3391  QVQLQESGGG LVQPGGSLRL SCAASGSIFS INSMDWYRQA PGKQRELVAT IT-SGGSTNY ADSVKGRFTI SRDNAKNTVY LQMNSLKPED TAVYYCHAVV AT-------- -RGGYWGQGT QVTVSSHHHH HH 122
CA3396  QVQLQESGGG LVQPGGSLRL SCAASGSIFS INSMDWYRQA PGKQRELVAT IT-SGGSTNY ADSVKGRFTI SRDNAKNTVY LQMNSLKPED TAVYLCHAVV AT-------- -RGGYWGQGT QVTVSSHHHH HH 122
CA3399  QVQLQESGGG LVQPGGSLRL SCAASGSIFS INSMDWYRQA PGKQRELVAT IT-SGGSTNY ADSVKGRFTI SRDNGKNTVY LQMNSLKPED TAVYYCHAVV ST-------- -RGGYWGQGT QVTVSSHHHH HH 122
CA3383  QVQLQESGGG LVQPGGSLRL SCAASGSIFS MNSMDWYRQA PGKQRELVAT IT-SGGSTNY ADSVKGRFTI SRDNAWNTVT LQMNSLKPED TAVYYCHAVL ST-------- -RGGYWGQGT QVTVSSHHHH HH 122
CA3403  QVQLQESGGG LVQPGGSLRL SCAASGNIFG INSMDWYRQA PGKQRELVAT IT-SGGSTNY GDSVKGRFTI SRDNAKNTMY LQMNSLKPED TAVYYCHAVL ST-------- -RGGYWGQGT QVTVSSHHHH HH 122
CA3387  QVQLQESGGG LVQPGGSLRL SCAASGSIFS INAMGWYRQA PGKQRELVAV LT-RRGSTNY ADSMKGRFTI SRDNTKNTVY LQMNSLKPED TAVYYCNADL EG-------- -RPLYWGQGT QVTVSSHHHH HH 122
CA3394  QVQLQESGGG LVQPGGSLRL SCVASGSIFS INAMGWYRQA PGKQRDLVAV IT-SRGSTNY ADSVKGRFTI SRDNAKNTTY LQMNSLKPED TAVYYCNADL AAYYSG-TYY DTLLYWGQGT QVTVSSHHHH HH 130
CA3398  QVQLQESGGG LVQPGGSLTL SCAASGSPFS FGAMGWYRQA PGKQRELVAI IT-SGGSTNY ADSVKGRFTV SRDNAKNTVY LQMNSLKPED TAVYYCYHQT APV------- -ADVTWGQGT QVTVSSHHHH HH 123
CA3407  QVQLQESGGG LVQPGGFLTL SCAASGSPFS FGAMGWYRQA PGKQRELVAI IT-RRGSTNY ADSVKGRFTV SSDNAKNTVY LQMNSLKPED TAVYYCYHQT APV------- -ADVTWGQGT QVTVSSHHHH HH 123
CA3393  QVQLQESGGG LVQAGGSLRL SCAASGGPFT FGAMGWYRQA PGKQRELVAI IT-KKGSTNY ADSVKGRFTV SRDNAKNTVY LQMNSLKPED TAVYYCYHQT APV------- -ADVTWGQGT QVTVSSHHHH HH 123
CA3389  QVQLQESGGG LVQPGGSLRL SCAASGSPFS FGAMGWYRQA PGKQRELAAI IT-NAGSTMY ADSVKGRFTV SRVNAKNTVS LQMNNLKPED TAVYYCYAQT APV------- -ADVTWGQGT QVTVSSHHHH HH 123
CA3397  QVQLQESGGG LVQPGGSLRL SCAASGSIST INHMGWYRQP PGKQRELVAV IT-RSGSTNY ADSVKGRFTI SRGNVKNTVY LQMNSVKAED TAVYYCNAYT EFD------- RPYNHWGQGT QVTVSSHHHH HH 124
CA3395  QVQLQESGGG LVQPGGSLRL SCAASGSISR INHMGWYRQP PGKQRELVAV IT-SGGSTNY ADSVKGRFTI SRGNYQNTVY LQMNSLKAED TAVYYCNAYT EFD------- RPYNHWGQGT QVTVSSHHHH HH 124
CA3390  QVQLQESGGG LVQPGGSLRL SCAASGSIFG INAMGWYRRP PGKQRELVAV IT-SGGSTNY ADSVKGRFTI SRGNAKNTVY LQMNSLKAED TAVYYCNAYT DFV------- RPYNHWGQGT QVTVSSHHHH HH 124
CA3402  QVQLQESGGG LVQPGGSLRL SCAASGSISR LNHMGWYRQP PGKQRELVAV IT-SGGSTDY ADSVKGRFTI SSGNAKNTVY LQMNSLKTED TAVYYCNAYS EFI------- RPYTLWGQGT QVTVSSHHHH HH 124
CA3401  QVQLQESGGG LVQPGGSLRL SCAASGSIFS INAMGWYRQA PGKQRELVAF IT-KVGNTNY ADSVKDRFAI SRDNAKNTVY LQMNSLKPED TAVYYCYADI ENSSNY---- KQDFYWGQGT QVTVSSHHHH HH 127
CA3388  QVQLQESGGG LVQPGGSLRL SCTASGTIFM IDAMGWYRQA PGKQRELVAL IN-SGGSTNY ADSVKGRFAI SRNNARSTVY LQMNSLKPED TAVYYCNADT WNGV------ RRDVYWGQGT QVTVSSHHHH HH 125
CA3404  QVQLQESGGG LVQPGGSLRL SCAASGRIPF ITAMGWYRQA PGRQRELLAT VT-NSGSTNY ADSVKGRFTI SRDNAKNTVS LQMNSLKAED TAVYYCNVRR LG-------- NLSDYWGQGT QVTVSSHHHH HH 123
CA3379  QVQLQESGGG LVQPGGSLRL SCAASGRIPF ITAMGWYRQA PGKQRELLAS VT-NSEITNY ADSVKGRFTI SRDNARNRVY LQMNSLKPED TAVYYCNVKR AG-------- NLIDYWGQGT QVTVSSHHHH HH 123
CA3406  QVQLQESGGG LVQAGGSLRL SCAASGGTFK SGGMAWFRQA PGKAREFAAG ISWSGGSTDY EDSVKGRFTI SRDNAKNTMY LQMNSLKPED TAVYYCAAAR RFRAGVVTRA DDVDYWGKGT QVTVSSHHHH HH 132
CA3381  QVQLQESGGG LVQAGGSLRL SCAASGGTFR TGGMAWFRQA PGKAREFAAG ISWSGGSTDY GDSVKGRFTI SRDNAKNTVY LQMNSLKPED TAVYYCAASR RFRSGVLTRA DDVDYWGKGT QVTVSSHHHH HH 132
CA3382  QVQLQESGGG LVQPGGSLRL SCAASGFTLD YYAIGWFRQT PGKEREGVSC ISSSDDSTYY ADSVKGRFTI SRDNAKNTVY LQMNSLKPED TAVYYCATGW ACTLVAGT-- NGMDYWGKGT QVTVSSHHHH HH 130
CA3386  QVQLQESGGG LVQAGGSLRL SCVASGRTIN TYAMGWFRQA PGKEREFVAA ISRSGDGTYY PGSVKGRFTI SRDNAKNTLY LQMNSLKPED TAIYYCAARR WGEGDDMA-- -AYNYWGQGT QVTVSSHHHH HH 129
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Supplementary Fig. S1. Sequence alignment of all 23 selected T2 specific binders. Corresponding CA-numbering for each nanobody can be found in Table 1.