

FIGURA 1

Alineamiento de secuencias que muestra las CDR en cajas

Alineamiento de secuencias de las secuencias del dominio VH del anti-FIX del linaje de 0-1998:

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mAb0-1998_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWNGDNIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-4857_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-4861_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWNGDNIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-7977_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8459_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8467_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8543_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8679_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8780_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8782_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-8785_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9002_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9015_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9016_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9058_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9134_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb1-9285_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb4-5925_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb4-7687_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb4-7786_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb5-0057_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
mAb5-1409_VH EVQLVESGGGLVQPGKSLKLSCAASGFTFDYAMHWVRQVPGKGLEWVSGISWRGDIIGYVDSVKGRFTISRDNAKNSLYLQLNSLRAEDTALYYCVKSYSGGSFYNAFDSWGQGTLLTVVSS
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Alinamiento secuencias de las secuencias del dominio VL del anti-FIX del linaje de 0-1998

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mAb0-1998_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASSLESVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-4857_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-4861_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-7977_VL DIQMTQSPSTLSASVGDVRTITCRASQKISSWLAWYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYRSYIRT FGQGTKVEIK
mAb1-8459_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKAERLERGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-8467_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-8543_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRDVPSPRFRSGSGSGTEFSLTISSLPDDFATYYCLEYRSYIRT FGQGTKVEIK
mAb1-8679_VL DIQMTQSPSTLSASVGDVRTITCRASKSIKSWLAWYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-8780_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-8782_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-8785_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-9002_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-9015_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-9016_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-9058_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFTLTISSLPDDFATYYCLEYNSYIRT FGQGTKVEIK
mAb1-9134_VL DIQMTQSPSTLSASAGDRVITTCRASQSISEWLAWYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb1-9285_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb4-5925_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb4-7687_VL DIQMTQSPSTLSASAGDRVITTCRASQSISEWLAWYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb4-7786_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGVPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb5-0057_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGTPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
mAb5-1409_VL DIQMTQSPSTLSASAGDRVITTCRASQSISSSLWAYQQKPGKAPKFLIYKASRLDRGTSPSRFRSGSGSGTEFSLTISSLPDDFATYYCLEYSSYIRT FGQGTKVEIK
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Alineamiento de secuencias de las secuencias del dominio VH del anti-FIX del linaje de 0-1886:

mAb0-1886_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFTSYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IMEGAFDI	WGQGTMTVSS
mAb1-4071_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFTPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IREGAFDI	WGQGTMTVSS
mAb1-4624_VH	EVQLVQSGAEVKKPGESLRISCKGSGYRFTSYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRMSGAFDI	WGQGTMTVSS
mAb1-5754_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-5781_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFKPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-5783_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-5796_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFHGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRMSGAFDI	WGQGTMTVSS
mAb1-5797_VH	EVQLVQSGAEVKKPGESLRISCKGSGYRFTSYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFHGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRMSGAFDI	WGQGTMTVSS
mAb1-6566_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6582_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6584_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6586_VH	EVQLVQSGAEVKKPGESLRISCKGSGYRFTSYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFHGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRMSGAFDI	WGQGTMTVSS
mAb1-6590_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6592_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6606_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb1-6609_VH	EVQLVQSGAEVKKPGESLRISCKGSGYRFTSYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRSGAFDI	WGQGTMTVSS
mAb4-7756_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb4-7758_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb4-7762_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb4-7789_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFRGHVTTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRAGAFDI	WGQGTMTVSS
mAb4-7761_VH	EVQLVQSGAEVKKPGESLRISCKGSGYSFRPYWIGWVRQMPGKGLEWMGMIDPDSYTDYGPSFEGHVTISADKSI	STAYLQWSSLKASDTAMYYCARVR	IRSGAFDI	WGQGTMTVSS

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Alineamiento de secuencias de las secuencias del dominio VL del anti-FIX del linaje de 0-1886

mAb0-1886_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷GYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQAL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-4071_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QRL⁶LLHST⁷GYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SRRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQAL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-4624_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-5754_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QRL⁶LLHST⁷GYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³KNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-5781_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHRT⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³RNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-5783_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHRT⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³RNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-5796_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³KNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-5797_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SRRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6566_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHRT⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³RNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6582_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³KNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6584_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³KNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6586_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³KNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6590_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SRRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6592_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SRRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQVL²²HI²³PYT²⁴FGQ²⁵GTKLEIK²⁶
 mAb1-6606_VL DIVMTQSP¹SLSP²LPV³TGPEPASIS⁴CRSS⁵QSL⁶LLHST⁷WYNYL⁸NWYL⁹LQKPG¹⁰QSP¹¹QLLI¹²YLG¹³SNRAS¹⁴GVPDR¹⁵FSGSG¹⁶SGTD¹⁷FTLKIS¹⁸RVEAED¹⁹DVG²⁰VYYC²¹MQAL²²HI²³PYT^{24</}

Alineamiento de secuencias de las secuencias del dominio VH del anti-FIX del linaje de 1-1307

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mAb1-1307_VH  EVQLVESGGGLVQPGRSLRLSCAASGFTFGDYAMHWVRQAPGKGLEWVSGISWNSGSGIGYADSVKGRFTISRDNAKNSLYLQMNSLRAEDTALYYCAKSGQYDEDAGMDVWGQGTITVTVSS
mAb1-4707_VH  EVQLVESGGGLVQPGRSLRLSCAASGFTFGDYAMHWVRQAPGKGLEWVSGISWVSGSIGYARSVKGRFTISRDNAKNSLYLQMNSLRAEDTALYYCAKSGQYDEDAGMDVWGQGTITVTVSS
mAb1-4763_VH  EVQLVESGGGLVQPGRSLRLSCAASGFTFGDYAMHWVRQAPGKGLEWVSGISWNSGSGIGYAKSVKGRFTISRDNAKNSLYLQMNSLRAEDTALYYCAKSGQYDEDAGMDVWGQGTITVTVSS
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Alineamiento de secuencias de las secuencias del dominio VL del anti-FIX del linaje de 1-1307

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mAb1-1307_VL  DIQMTQSPSSLSASVGDRVTITCRASQSISSYLNWYQQKPGKAPKLLIYAASSLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQGYPTWTFGGGTKVEIK
mAb1-4707_VL  DIQMTQSPSSLSASVGDRVTITCRASQSISSYLNWYQQKPGKAPKLLIYAASSLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQGYPTWTFGGGTKVEIK
mAb1-4763_VL  DIQMTQSPSSLSASVGDRVTITCRASQSISSYLNWYQQKPGKAPKLLIYAASSLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQGYPTWTFGGGTKVEIK
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Alineamiento de secuencias de las secuencias del dominio VH del anti-FIX de otro linaje:

[illegible]

Alineamiento de secuencias de las secuencias del dominio VL del anti-FIX de otro linaje:

[illegible]

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mAb1-6723 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb1-6705 VH EVQLLESGGGLVQPGGSLRLSCAASGFTFSD--YAVSWVRQAPGKGLEWVSTLT--GGSTHYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCA--TWELLSIVAF--DLWGQGLTIVTSS
mAb1-6716 VH EVQLLESGGGLVQPGGSLRLSCAASGFTFSN--NYMSWVRQAPGKGLEWVSTIGG--SGGRTYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCAR-----GGSGWGFVYF--DLWGRGLTIVTSS
mAb1-6721 VH EVQLVQSGAEVKKPGASVKVSCKASGFTTFS--YAIHWVRQAPGQGLEWWMGWSIP--HNGNTHYAKQKFCRVTMTTDTSTSTAYMELRLSRDDETAVYYCAR-----GSLWFGELLFPDYWGQGLTIVTSS
mAb1-6730 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTK--YWIWVVRQMPGKGLEWWMGIDP--SDSYTYTSPFSLHGVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----QRLWLRLDAF--DIWGQGLTIVTSS
mAb1-6731 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTS--YWIWVVRQMPGKGLEWWMGIDP--SDSYTYTSPFSEGHVTSADKSIISTAYLQWSSLKASDTAMYYCYTR--SQRRGLDAF--DIWGQGLTIVTSS
mAb1-6737 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTS--YWIWVVRQMPGKGLEWWMGIDP--SDSYTYTSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----PSFTDHF--DYWGQGLTIVTSS
mAb1-6754 VH EVQLLESGGGLVQPGGSLRLSCAASGFTFSD--YAISWVRQAPGKGLEWVSAISD--SGGTTYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCAH--SEDYDSSGGFDYWGQGLTIVTSS
mAb1-7378 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSD--YALTWVRQAPGKGLEWVSTISG--SGGNTYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCAKGGFASSGRYYYIAMVDWGQGLTIVTSS
mAb1-7388 VH QAQLVESGGGVVQPGSLRLSCAASGFTFSS--YGMHWVRQAPGKGLEWVAITSY--DGSNEYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCAK--EQWLVPDDAF--DIWGQGLTIVTSS
mAb1-7413 VH QVQLVQSGAEVKKPGASVKVSCKASGYTLRS--YGISWLRQAPQGQGLEWWMGISA--YNGDTNYAQKQFCRVLTTEKSTSTAYMELRLSRDDMAVYYCAK--EDISRRSVPDTE--DIWGQGLTIVTSS
mAb1-7424 VH EVQLVESGGGLVQPGSLRLSCAASGFTFDD--NAMHWVRQAPGKGLEWVSGISW--NSGSIYADSVKGRFTISRDNAKNSLYLQMSLRADETALYYCAK--OWAMVRGVITNAF--DIWGQGLTIVTSS
mAb1-7441 VH QLQLQESGPGLVKPKSETLSLTCTVSGGSISSSYYYWGWIQRTPGKRLIEWIGSIYY--SGSTYYNPSLKSRTVISIDTSKNQFSLTSLFVTAADTAVYYCAR-----EAERHDSF--DIWGQGLTIVTSS
mAb1-7447 VH QLQLQESGPGLVKPKSETLSLTCTVSGGSISSSYYYWGWIQRTPGKGLEWIGSIYY--SGSTYYNPSLKSRTVISIDTSKNQFSLTSLFVTAADTAVYYCAR-----EAERHDSF--DIWGQGLTIVTSS
mAb1-7449 VH QBQLVESGGDVLPQPKSLRLSCCTSGSTFSS--YGIHWVRQAPGKGLEWVTSISY--DGTNKYYADSVKGRFTISRDNSKNTLYLQMSLRADETAVYYCVK--SRGM-----ALWGQGLTIVTSS
mAb1-7462 VH QLQLQESGPGLVKPKSETLSLTCTVSGGSISSSYYYWGWIQRTPGKGLEWIGSIYY--SGSTYYNPSLKSRTVISIDTSKNHFSNLNLSFVTAADTAVYYCAR-----EAERHDTF--DIWGQGLTIVTSS
mAb1-7466 VH QITLQESGPTLVKPTQTTLTCTLSGFSLSSTGTVGWGWIQRTPGPKALEWLLIYN--DDDKRYSPSLKSLRTITKDTSKNQVLLTMNMPDVTATYYCAH--RLGSYE-F--DYWGQGLTIVTSS
mAb1-7481 VH QVQLVQSGAEVKKPGASVKVSCKASGYTFD--YYIHWVRQAPQGQGLEWWMGINF--NSGNTSYAKQKFCGVWMTMDRTSIISTAYMELRLSRDDETAVYYCAR-----GYDIF--DYWGQGLTIVTSS
mAb1-7483 VH EVQLVQSGAEVKKPGESLRISCKGFGYRFTD--YWIWVVRQMPGKGLEWWMGIYF--DDSDTRYSPSFQGHVTSADRSVKTAYLQWSSLKASDTAMYYCARHGIIGTRDYYYGM--DVWGQGLTIVTSS
mAb1-7563 VH EVQLVESGGGLVQPGSLRLSCAASGLTFDD--YAMHWVRQAPGKGLEWVSGISW--NGSSKYAASVKGRFTISRDNAKNSLYLQMSLRADETALYYCAK--OWAMVRGVITNVE--DIWGQGLTIVTSS
mAb1-7571 VH QBQLVESGGGVVQPGSLRLSCAASGFNFNT--YAMHWVRQAPGKGLEWVTSISF--DSNKYYADSVKGRFTISRDNSKNTLYLENNSLKPEDTAYIYCVK-----GRSYTYF--DLWGRGLTIVTSS
mAb1-7591 VH EVQLVESGGGLVQPGGSLRLSCTASGFTFSS--SAMSWVRQAPGKGLYWVSAISG--NGDNTYADSVKGRFTISRDNSKNTLYLQMSLRADETALYYCAE-----EGIVVAHDAF--EIWGQGLTIVTSS
mAb1-1371 VH QERLQESGGRLLTPGTFPLTLCTTAGGSDISY--YGIHWVRQAPGKGLEWIGWIGA--GGHAYYARWAVGRFTISK--TSSTVDLKMSTPTTEDATYFCASA-----GLWGPGTLTIVTSS
mAb1-1376 VH --QSVEESGGRLLTPGTFPLTLCTVSGIDLST--YTMGWVRQAPGKGLEWIGIILAS--SGHAYYASWAKGRFTISK--TSSTAVDLKMSTLTEDTATYFCVR--ALYSGGGYWPG--GFWGPGTLTIVTSS
mAb1-0021 VH --QSVEESGGRLLTPGTFPLTLCTVSGIDLST--YTMGWVRQAPGKGLEWIGIILAS--SGHAYYASWAKGRFTISK--TSSTAVDLKMSTLTEDTATYFCVR--ALYSGGGYWPG--GFWGPGTLTIVTSS
mAb1-1335 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTF--YWIWVVRQMPGKGLEWWMGIDP--SDSYTYDYGSPFRGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----VRIREGAF--DIWGQGLTIVTSS
mAb1-5788 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFRF--YWIWVVRQMPGKGLEWWMGIDP--SDSYTYDYGSPFRGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----VRIREGAF--DIWGQGLTIVTSS
mAb1-2375 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSN--AMNWVRQAPGKGLEWVGRIKRTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS
mAb4-5925 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb4-7687 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb4-7756 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb4-7758 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSN--AMNWVRQAPGKGLEWVGRIKRTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS
mAb4-7762 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSD--AMNWVRQAPGKGLEWVGRIKRTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS
mAb4-7786 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSN--AMNWVRQAPGKGLEWVGRIKSKTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS
mAb4-7789 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSN--AMNWVRQAPGKGLEWVGRIKSKTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS
mAb5-0057 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb5-1409 VH EVQLVQSGAEVKKPGESLRISCKGSGYSFTT--SWIVWVRQMPGKGLEWWMGIDP--SDSFTSYSPSFQGHVTSADKSIISTAYLQWSSLKASDTAMYYCAR-----LHYHSEEFDVWGQGLTIVTSS
mAb4-7761 VH EVQLVESGGGLVQPGGSLRLSCAASGFTFSD--AMNWVRQAPGKGLEWVGRIKRTDGGTTDYAAPVKGRFTISRDNSKNTLYLQMSLKTEDTAVYYCTTDGIAVAGPLR-----VYWQGLTIVTSS

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Alineamiento de secuencias de las secuencias del dominio VL del anti-FIX:

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mAb1-6723_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGQGTKLEIK
mAb1-6705_VL      DIVMTQSPSLSPFPVTGPGEPAISICRSSQSLHSDGYT-YLDWYLQKPQGSPQLLIYLGSNRRASGVDPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQVLHT-PRT----FGQGTKLEIK
mAb1-6716_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVGGS-----YLAWYQQKPGQAPRLLIYDTSSRATIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQQYGTSPGT---FGQGTKLEIK
mAb1-6721_VL      EIVLTQSPGTLSSLSPGERATLSCRASQRVSSS-----FLAWYQQKPGQAPRLLIYAVSSRATIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQHYSGS-PYT----FGQGTKLEIK
mAb1-6730_VL      EIVLTQSPGTLSSLSPGERATLSCRASQNVGS-----NLAWYQQKPGQAPRLLIYDASSRAAGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYDYW-PAT----FGGGTKVEIK
mAb1-6731_VL      EIVLTQSPGTLSSLSPGERATLSCRASQGIQT-----DLAWYQQNPGQAPRLLIYAAASRATIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYNWNWPLYT----FGQGTKLEIK
mAb1-6737_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSS-----NLAWYQQKPGQAPRLLIY--ASARAAIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYDNW-PAT----FGGGTKVEIK
mAb1-6754_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSISSE-----NLAWYQQKPGQAPRLLIYDASARAAIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQYNWNPVPT----FGQGTKLEIK
mAb1-7378_VL      DIQMTPSPSSLSASVGDRVITTCRASQGIRN-----DLGWYQQKPGKAPKRLLIYAASSLQSGVPSPRFSGSGSGTEFTLTISLSLPQEDFATYYCLQHNSY-PWT----FGQGTKVEIK
mAb1-7388_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNFLAWYQQKPGQPNNLIYWASNRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCHYYNT-PPT----FGQGTKVEIK
mAb1-7413_VL      DIQMTPSPSTLSASVGDRVITTCRASQSISS-----WLAWYQQKPGKAPKLLIYKASSLETGVPSPRFSGSGYGFTEFTLTISLSQDDFATYYCQQNYNH-SRT----FGQGTKLEIK
mAb1-7424_VL      DIQMTPSPSTLSASVGDRVITTCRASQSISS-----WLAWYQQKPGKAPKLLIYKASSLESVPSPRFSGSGSGTEFTLTISLSQPDFFATYYCQQFNRY-S-T----FGQGTKVEIK
mAb1-7441_VL      EIVMTQSPVTLVSVPGERATLSCRASQNVYN-----NLAWYQQKPGQAPRLLIYGASTRATIGPGRFSGSGSGTEFTLTISLSQSEDFAVYYCQQYNVW-PFT----FGPGTKVDIK
mAb1-7447_VL      EIVMTQSPVTLVSVPGERATLSCRASQNVYN-----NLAWYQQKPGQAPRLLIYGASTRATIGIPGRFSGSGSGTEFTLTISLSQSEDFAVYYCQQYNVW-PFT----FGPGTKVDIK
mAb1-7449_VL      DVLMTQSPSLFLPFTVFGPASISCRSSRSMLVYSDGNT-YVNWFHQRPQGSPRRLLIYKVSNRDSGVDPDRFSGSGSGTDFTLKISRVEAEDVGVYYCQGTWH-PPT----FGQGTKVEIK
mAb1-7462_VL      EIVMTQSPVTLVSVPGERATLSCRASQNISN-----NLAWYQQKPGQAPRLLIYGASTRATIGIPGRFSGSGSGTEFTLTISLSQSEDFAVYYCQQYNW-PPT----FGPGTKVDIK
mAb1-7466_VL      DIVMTQSPSLSPFPVTGPGEPAISICRSSQSLHSHNGYS-YLDWYLQRPQGSPQLLIYLGSNRRASGVDPDRFSGSGSGTDFTLKISRVEAEDVGVYYCQALQT-PLT----FGGGTKVEIK
mAb1-7481_VL      EIVLTQSPSPSQSVTPKEKVTITCRASQTIGN-----SLHWYQQKPFQSFKLLEYAQSISSGVPSRFSGSGSGTDFTLTISLEAEADAAYYCHSSRL-PWT----FGQGTKVEIK
mAb1-7483_VL      DIQMTPSPSSLSASVGDRVITTCRASQDINN-----YLDWYQQKPGKAPKLLIYDASTLITGVPSPRFSGSGSGTYFTFTLTISSLPDDIATYYCYHDNL-PFT----FGPGTKVEIK
mAb1-7563_VL      AIQMTPSPSTLSASVGDRVITTCRASQTISS-----WLAWYQQKPGKAPKLLIYKASSLESVPSPRFSGSGSGTEFTLTISLSQPDFFATYYCQQYSS-S-T----FGQGTKVEIK
mAb1-7571_VL      NIIMTQTPSLSPVSLGQPASISCRSSQSLVHS DGNT-YLTWLQRRPGQPRLIIYKISKRFSGVPDRFSGSGAGTDFTLKISRVEAEDVGIYYCQATHF-PHT----FGGGTKVEIK
mAb1-7591_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLAWYQQKPGPPKLLIYWAISIRESGVPDRISGSGSGTDFTLTISLSQAEDVAVYYCQQYYGT-PIT----FGQGTRLEIK
mAb1-1371_VL      --QVLQTESPVSAAGIGTVTINCQSSQSVVNDN-----RLSWYQQKPGQPKPRLIYDASKLASGVPSPRFSGSGSGTGFTLTISDVQCDDAATYYCAGYEE-LGGYCD-SLNDNCGFGGGTEVVVK
mAb1-1376_VL      --IVMTQTPSSKSVPVGDVTVINCAQSKSVYSNN-----RLAWYQQKPGQPKPRLIYASASTLASGVPSPRFSGSGSGTGFTLTISDVQCDDAATYYCAGYEE--SIDDDTAFGGGTEVVVK
mAb1-0021_VL      --VMTQTPSSKSVPVGDVTVINCAQSKSVYSNN-----RLAWYQQKPGQPKPRLIYASASTLASGVPSPRFSGSGSGTGFTLTISDVQCDDAATYYCAGYEE--SIDDDTAFGGGTEVVVK
mAb1-1335_VL      DIVMTQSPSLSPFPVTGPGEPAISICRSSQRLHSTGYN-YLNWYLQKPQGSPQLLIYLGSNRRASGVDPDRFSGSGSGTDFTLKISRVEAEDVGVYYCQMALHI-PYT----FGQGTKLEIK
mAb1-5788_VL      DIVMTQSPSLSPFPVTGPGEPAISICRSSQSLHRTYYN-YLNWYLQKPQGSPQLLIYLGSNRRASGVDPDRFSGSGSGTDFTLKISRVEAEDVGVYYCQMVLIH-PYT----FGQGTKLEIK
mAb1-2375_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
mAb4-5925_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGQGTKLEIK
mAb4-7687_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGQGTKLEIK
mAb4-7756_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGQGTKLEIK
mAb4-7758_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
mAb4-7762_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
mAb4-7786_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNGNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
mAb4-7789_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNGNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
mAb5-0057_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGQGTKLEIK
mAb5-1409_VL      EIVLTQSPGTLSSLSPGERATLSCRASQSVSSS-----YLAWYQQKPGQAPRLLIYGASSRARIGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQFGSSRLFT----FGEGTKLEIK
mAb4-7761_VL      DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLWVYQQKPGQPKPRLIYWASTRESGVDPDRFSGSGSGTDFTLTISLSQAEDVAVYYCQQYYSI-PRT----FGQGTKVEIK
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