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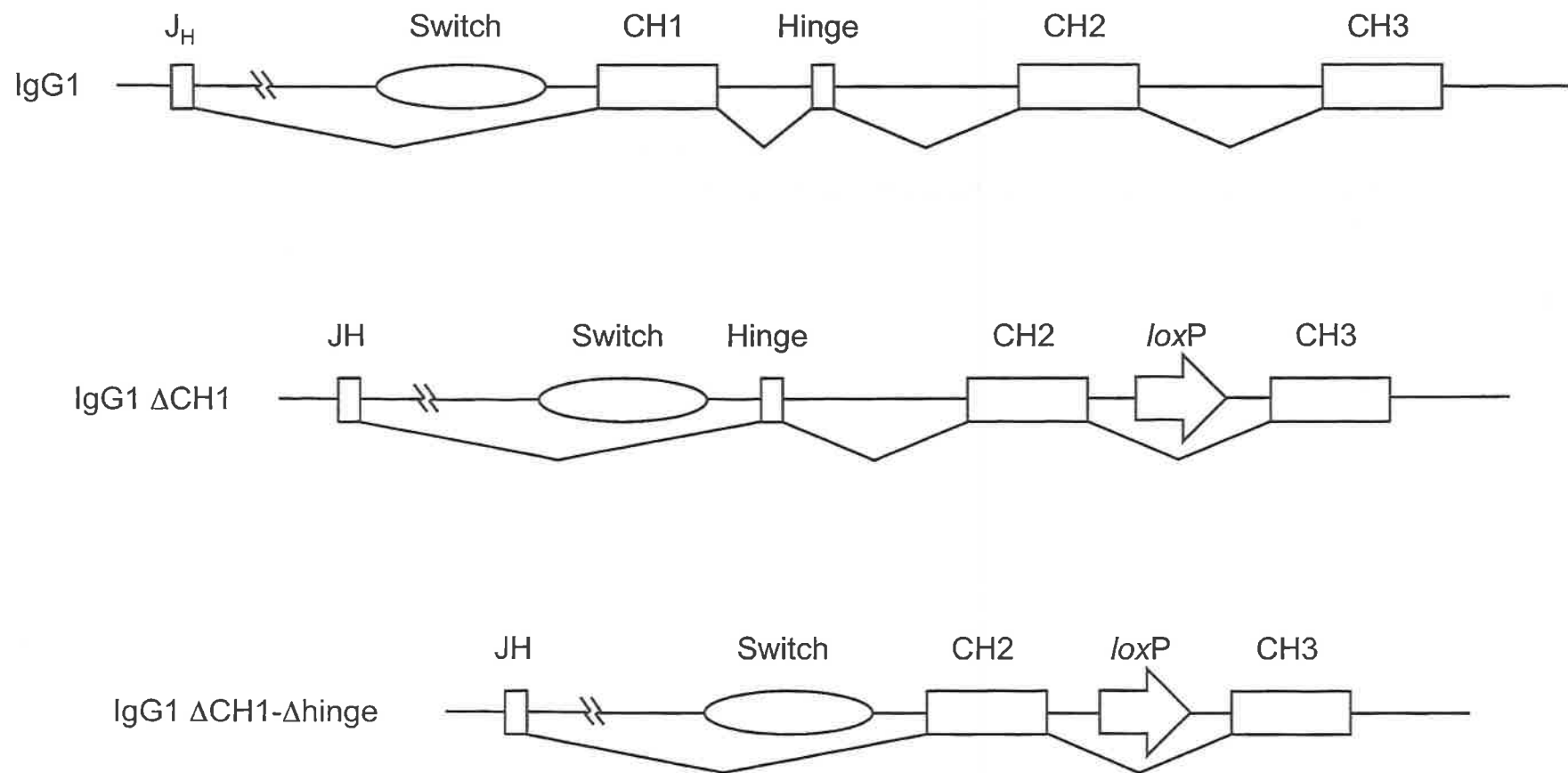


Figure 1

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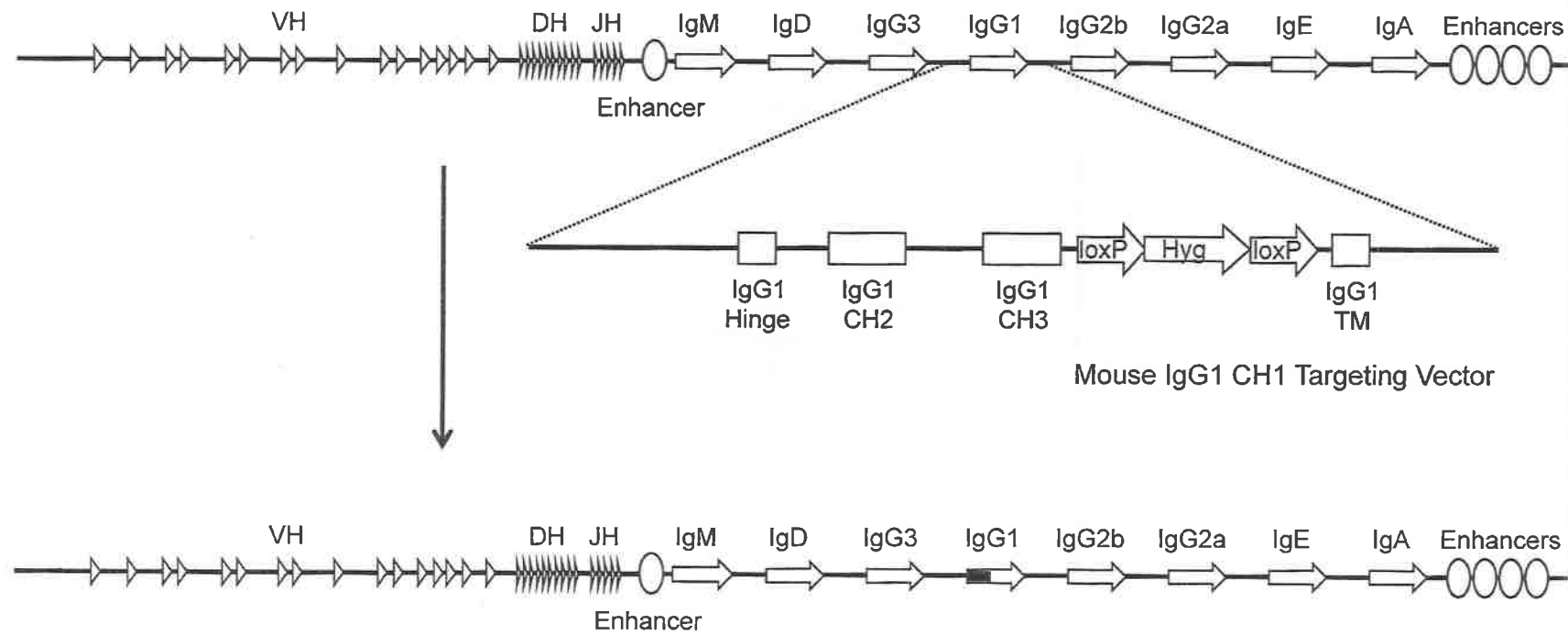


Figure 2

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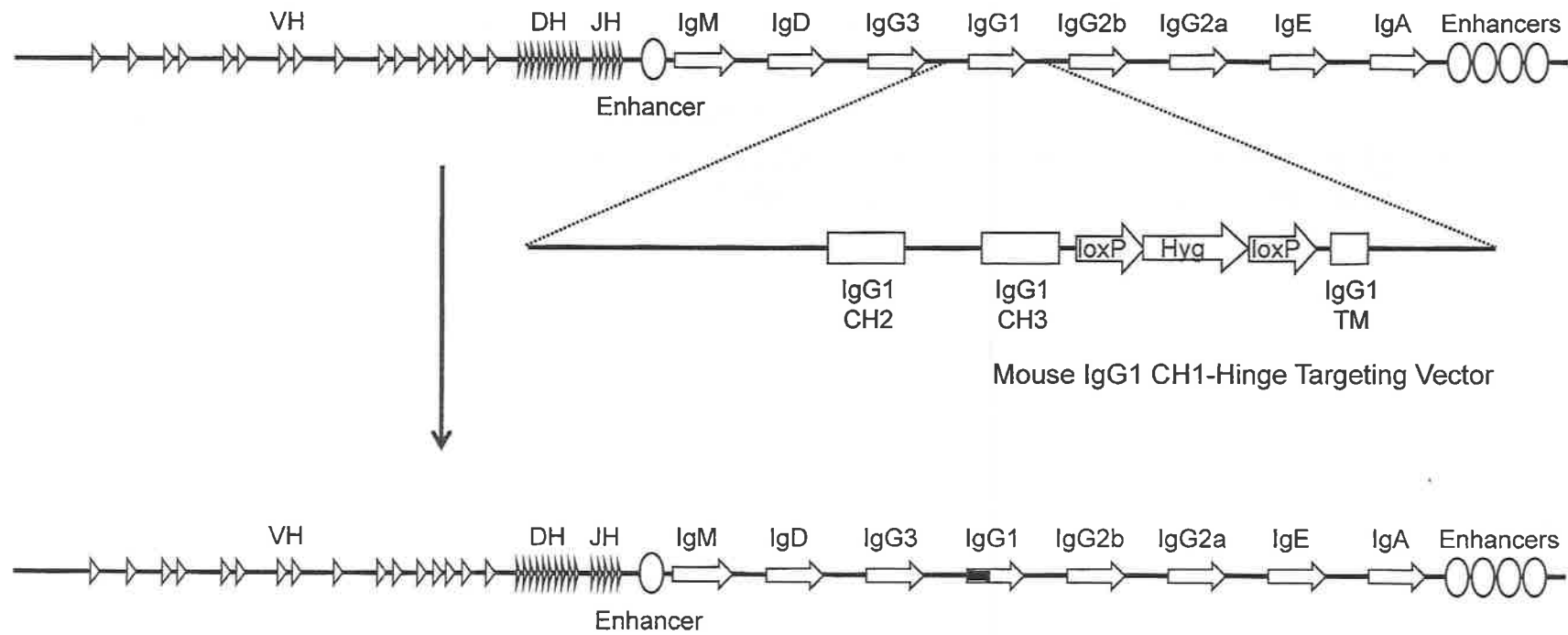


Figure 3

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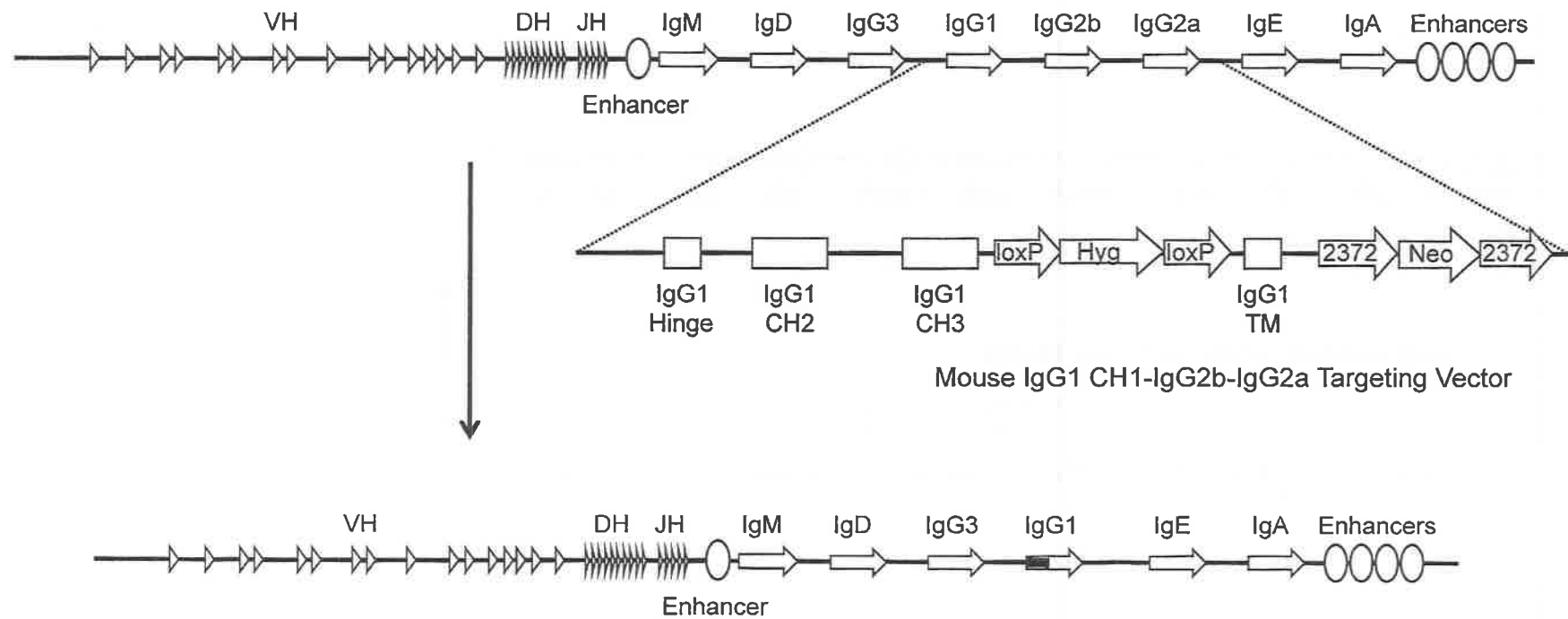


Figure 4

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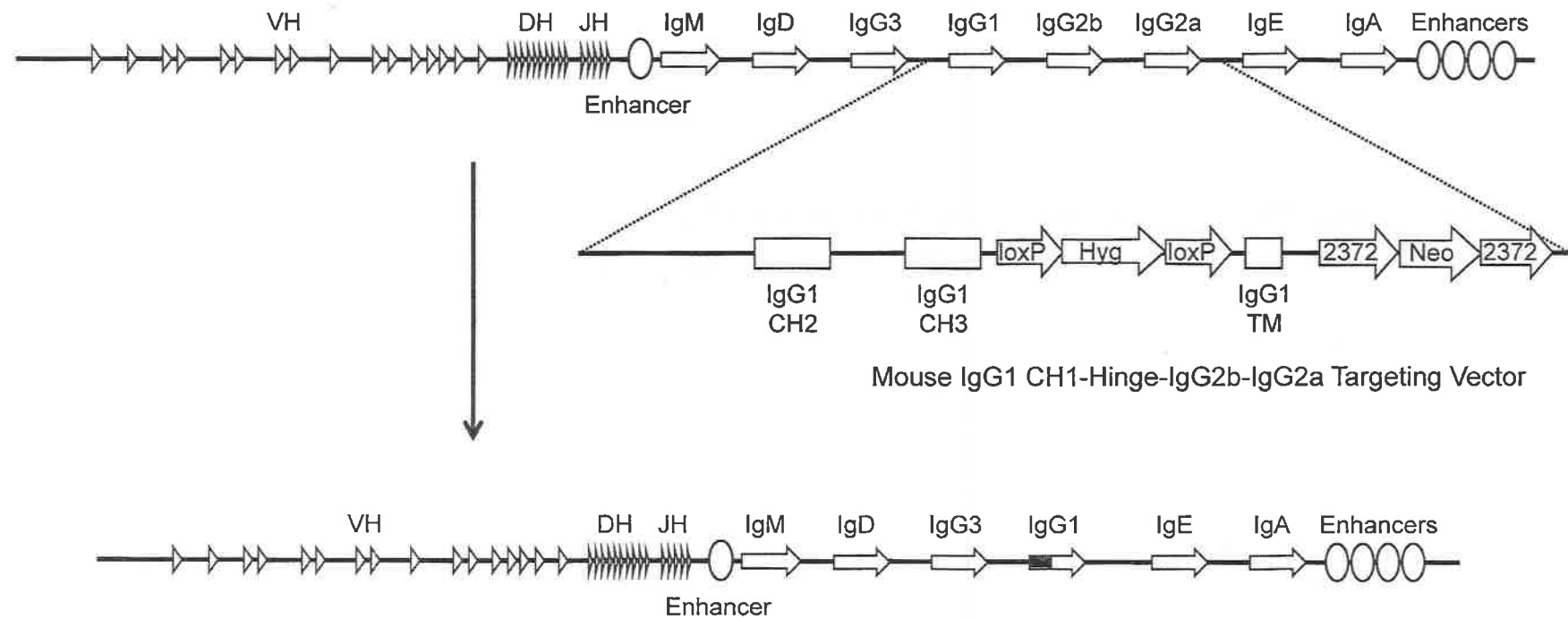


Figure 5

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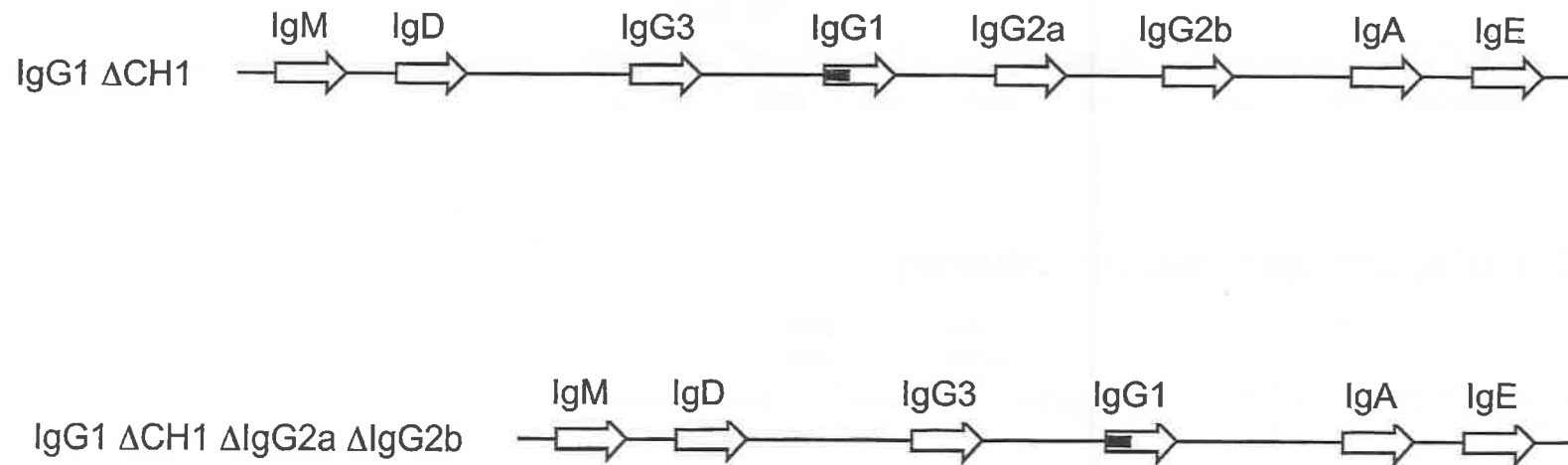


Figure 6

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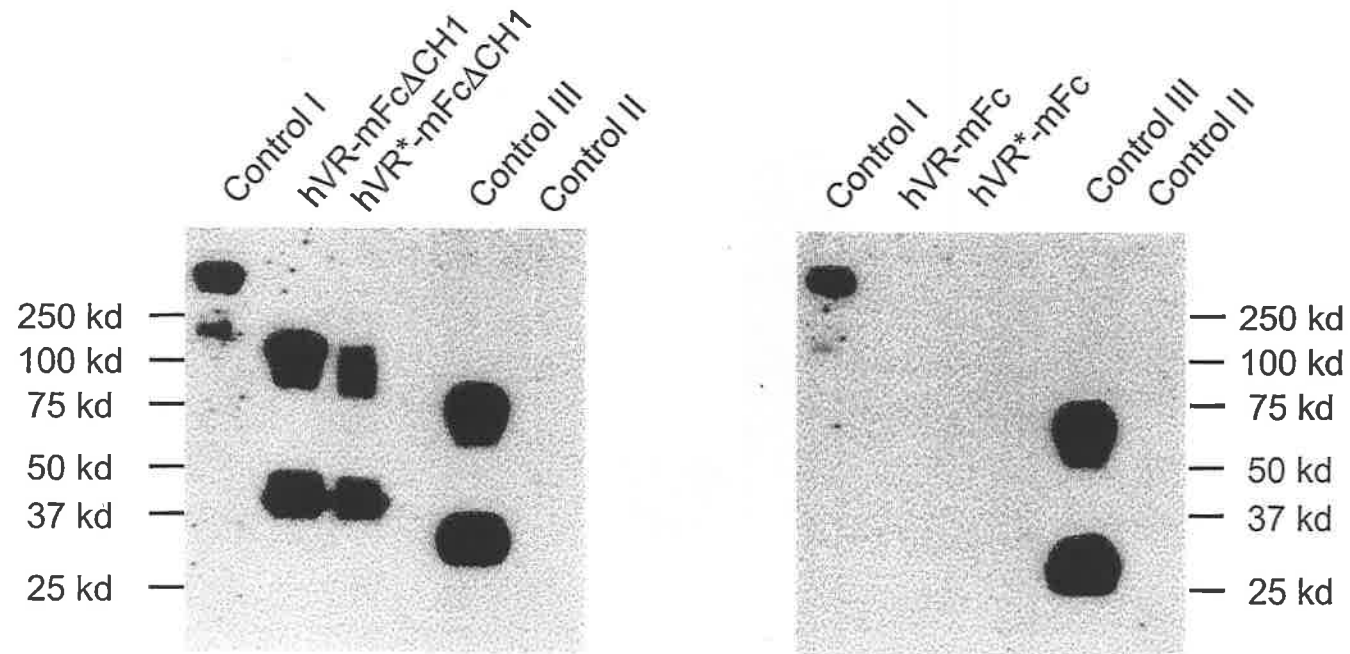


Figure 7

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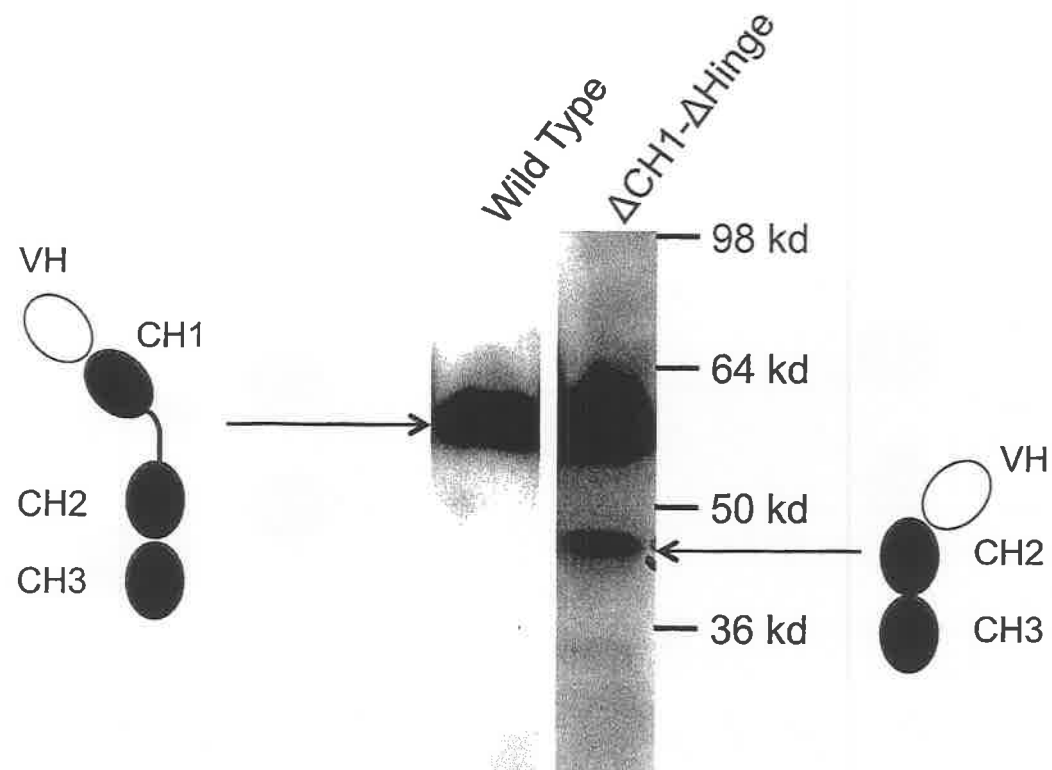


Figure 8

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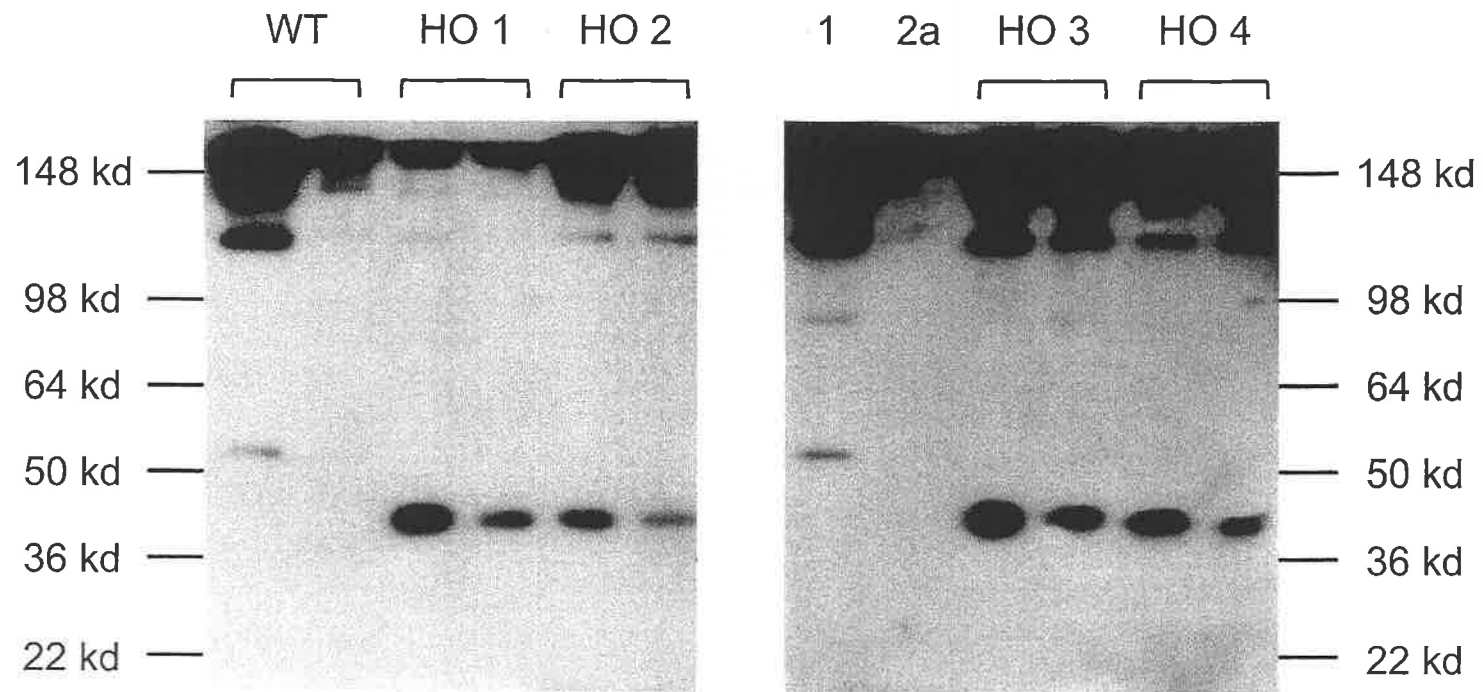


Figure 9

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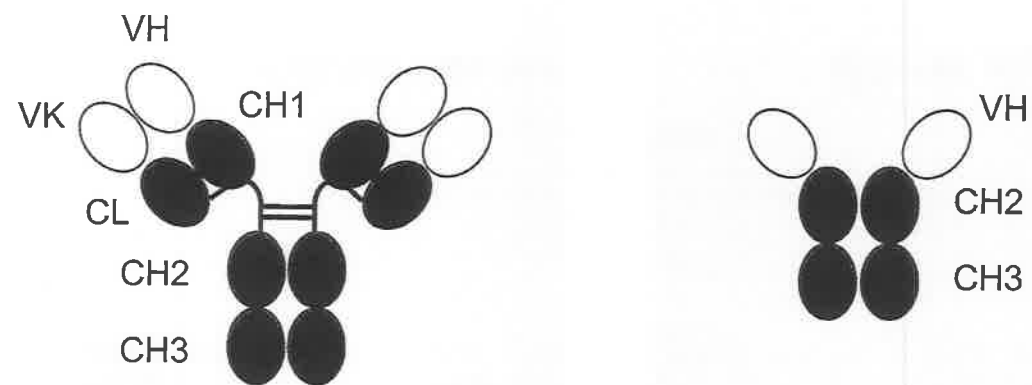


Figure 10

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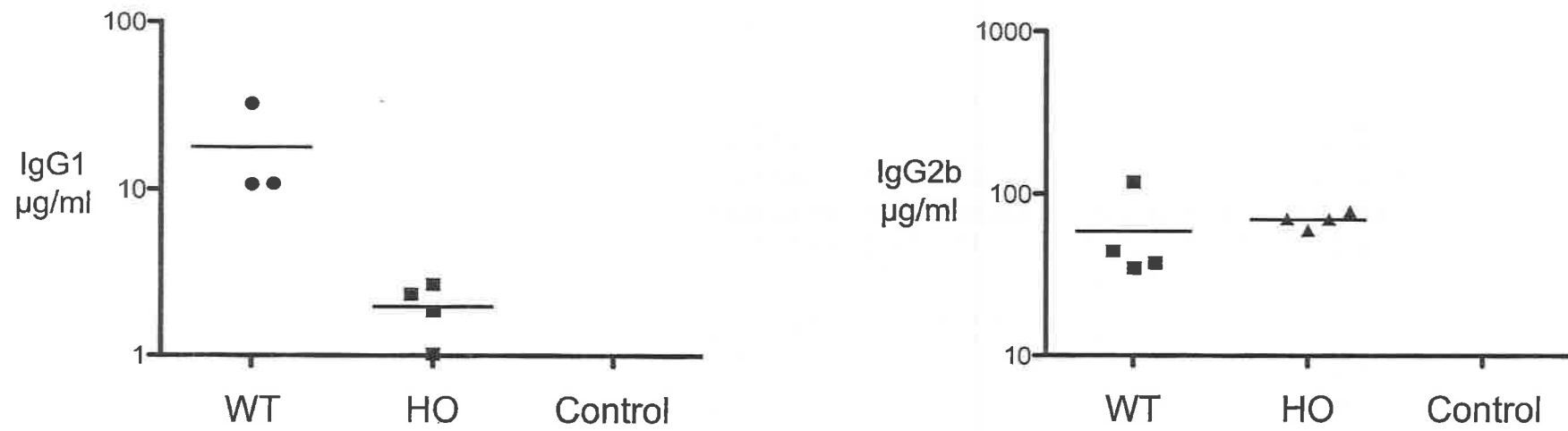


Figure 11

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|     | FR1                       | CDR1      | FR2               | CDR2               |
|-----|---------------------------|-----------|-------------------|--------------------|
| B1  | EVQLQQSGAELVRPGSSVKMSCKTS | GYTFTSYG. | INWVKQRPGQGLEWIGY | IYIGNGYT.. EYNEKFK |
| B2  | EVQLQQSGrELVKPGASVmISCTAS | GYTFiDYf. | iNWmKrSHGqSLEWIGD | INPNNGGs.. nYNQKFK |
| B3  | QVQLQQPGAELVKPGASVKLSCKAS | GYTFTSYW. | MQWVKQRPGQGLEWIGE | IDPSDSYT.. NYNQKFK |
| B5  | EVQLQQSGAEiVKsGASVKLSCTAS | GFNmKDYf. | iHWVKQRTEQGLEWIGR | lDPEDGkT.. KYAPKfQ |
| D2  | DVQLQESGPGLVKPSQSLSLTCSVT | GYSITSGYY | WNWIRQFPGNKLEWMGY | ISYDGrN... NYNPSLK |
| D5  | EVQLQQSGAELVRPGASVKLSCTAS | GFNIKDYY. | iHWVkkRPEQGLEWIGR | IDPEDGDT.. EYAPKfQ |
| D6  | EVQLQQSGTELVKPGASaKLSCAS  | GFNvKDYf. | MHWVKQkTEQGLEWIGR | IVPEDGET.. KsAPKfQ |
| E2  | EVKLVESGGGLVQSGRSLRLSCATS | GFTFSDFY. | MEWVRQAPGKGLEWIAt | SRNKlNDYTp EfsASVK |
| E8  | QVQLQQPGAELVKPGASVKLSCKAS | GYTFTSYW. | MHWVKQRPGRGLEWIGR | IDPNSGGT.. KYNEKlK |
| E10 | EVQLQQSGPELVKPGASVKISCKAS | GYSFTGY.  | MNWVKQSPEKSLEWIGE | INPSTGGT.. TYNQKFK |
| F6  | EVQLVESGGDLVePGGSLKLSCAAS | GFTFSsYG. | MSWVRQTPDKRLEWVAT | ISSGGsYT.. YYPDSVK |

|     | FR3                             | CDR3               | FR4         | CH2       |
|-----|---------------------------------|--------------------|-------------|-----------|
| B1  | GKATLTSDTSSSTAYMQLSSLTSEDSAIYFr | ARGrvGPY.....YFDY  | WGQGTTLTVSS | VPEVSSVFI |
| B2  | GKATLTVDKSSSTAYMdLRSLTSEDSAVYYC | AKLGRD.....WYFDV   | WGtGTTVTVSS | VPEVSSVFI |
| B3  | GKATLTVDTSSTAYMQLSSLTpEDSAVYYC  | ARCRY.....YFDY     | WGQGTTLTVSS | VPEVSSVFI |
| B5  | GKATITADTSSNTAYLhLSSLTSEDtAVYYC | ARGGLGREE..YYAvDY  | WGQGTSVTVSS | VPEVSSVFI |
| D2  | NRISITRDTSKNQFFLKLNSVTTEDTATYYC | AIHTVVGD.....YvMDY | WGQGTSVTVSS | VPEVSSVFI |
| D5  | GKATMTADTSSNTAYLQLSSLTSEDiAVYYC | TTSRpF.....YFDY    | WGQGTTLTVSS | VPEVSSVFI |
| D6  | drtTirtDTSSNTshLQLnSLTSEDtAVYYC | ARNPp.....Y        | WGQGLVTVSv  | VPEVSSVFI |
| E2  | GRFIVSRDTSQnILYLQMNALRpEDTAIYYC | ARAcSdYDR..YYAMDY  | WGQGTSVTVSS | VPEVSSVFI |
| E8  | nKATLTVDKPSSTAYMQLSSLTSEDSAVYYC | AREEINYGYSTYgAMDY  | WGQGTSVTVSS | VPEVSSVFI |
| E10 | AKATLTVDKSSSTAYMQLKSLTSEDSAVYYC | AGG.....YWYFDV     | WGtGTTVTVSS | VPEVSSVFI |
| F6  | GRFTISRDNakNTLYLQMSSLKSEDTAMYYC | ARHDYYGSSYG.WYFDV  | WGtGTTVTVSS | VPEVSSVFI |

Figure 12

|    | FR1                                    | CDR1                   | FR2               | CDR2       |         |
|----|----------------------------------------|------------------------|-------------------|------------|---------|
| A8 | QVQLVQSGAEVKKPGASVKVSCKAS              | GYTFTSYD.              | INWVRQATGQGLEWMGW | MNPNSGkT.. | GYAQKFQ |
| C2 | QVQLVQSGAE <sub>m</sub> KKPGASVKVSCKAS | GYTFTSYG.              | ISWVRQAPGQGLEWMGW | ISAYNGNT.. | yYAnLQ  |
| D9 | QVQLVQSGAE <sub>m</sub> KKPGASVKVSCKAS | GYTFTSYG.              | ISWVRQAPGQGLEWMGW | ISAYNGNT.. | yYAnLQ  |
| C4 | QVQLVQSGAEVKKPGASVKVSCKAS              | GYTFTSYG.              | ISWVRQAPGQGLEWMGW | ISAYNGNT.. | NYAQKLQ |
| H8 | QVQLVQSGAEVKKPGASVKVSyKAS              | dYTFTSYG.              | ISWVRQAPGQGLEWMGW | ISAYNGNT.. | NYAqNLQ |
| A5 | QVQLVQSGAEVKKPGSSVKVSCKAS              | GGTFSSYA.              | ISWVRQAPGQGLEWMGG | IIPiFGTA.. | NYAQKFQ |
| A2 | QVQLVQSGAEVKKPGSSVKVSCKAS              | GGTFSSYA.              | ISWVRQAPGQGLEWMGG | IIPiFGTA.. | NYAQKFQ |
|    | FR3                                    | CDR3                   | FR4               | HINGE      |         |
| A8 | GRVamTRkTSISTAYMELSSLRSEDtAVYYC        | ARedYSNYgd.....FDY     | WGQgTLVTVSS       | VPRDCGC    |         |
| C2 | GRVTMTTDTSTSaAfMdLRSLRSDDtAVYYC        | ARdgYStSSl.....DY      | WGQgTLVTVSS       | VPRDCGC    |         |
| D9 | GRVTMTTDTSTSTSaAfMdLRSLRSDDtAVYYC      | ARdgYStSSl.....DY      | WGQgTLVTVSS       | VPRDCGC    |         |
| C4 | GRVTMTTDTSTSTAYMELRSLRSDDtAVYYC        | ARddMITFGGVianYYYYGMDV | WGQgTTVTVtS       | VPRDCGC    |         |
| H8 | GRVTMTTDTSTSTAYMELRSLRSDDsAVYYC        | AReeLEl.....FDY        | WGQgTLVTVSS       | VPRDCGC    |         |
| A5 | GRVTITTDESTSTAYMELSSLRSEDtAVYYC        | ARdgYStSSl.....DY      | WGQgTLVTVSS       | VPRDCGC    |         |
| A2 | GRVTITTDESTSTAYMELSSLRSEDtAVYYC        | AvIAVAGT.....YYYYGMDV  | WGQgTTVTVSl       | VPRDCGC    |         |

Figure 13