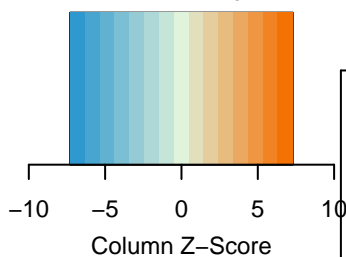
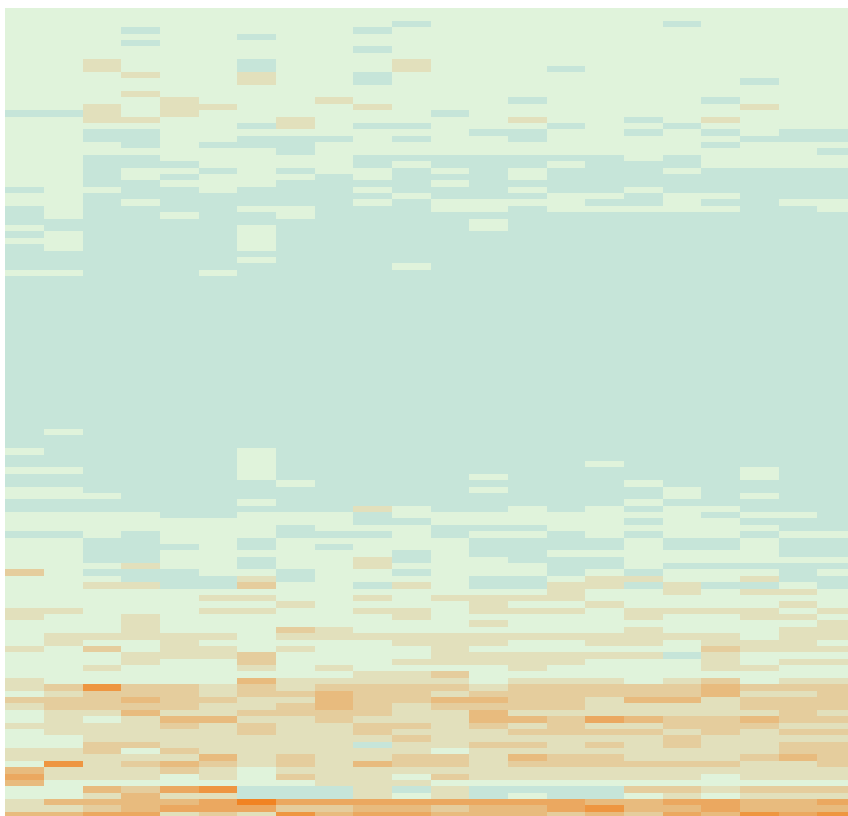
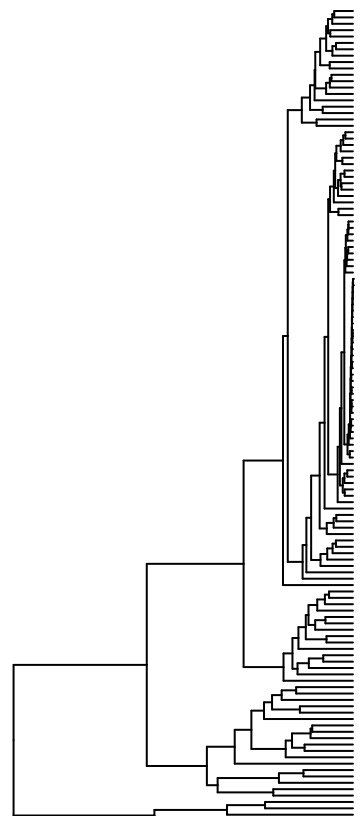
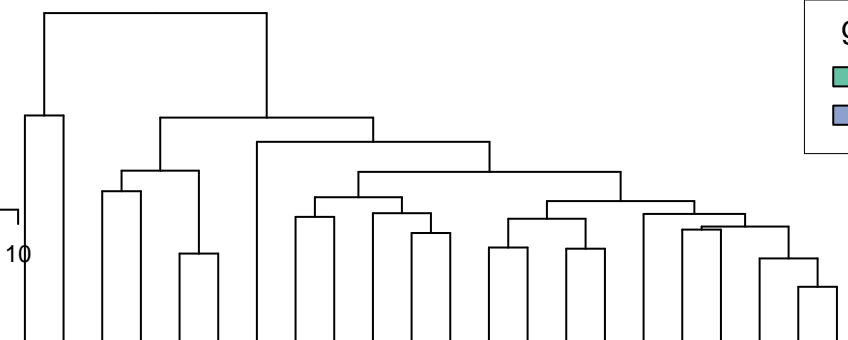


# Color Key



# group



IGLV2.11  
IGHV3.49  
IGKV1.9  
IGKV1.12  
IGLV2.8  
IGHV1.8  
IGKV1.8  
IGKV2D.28  
IGHV7.41  
IGLV7.43  
IGHV3.13  
IGHV2.26  
IGKV2.24  
IGLV10.54  
IGHV3.72  
IGHV3.20  
IGKV2D.40  
IGLV1.36  
IGKV3D.20  
IGLV3.9  
IGKV6.21  
IGHV2.70D  
IGKV1.37  
IGLV3.22  
IGKV3.0R2.268  
IGHV3.0R16.8  
IGLV4.3  
IGLV5.39  
IGKV6D.21  
IGHV4.28  
IGKV1D.12  
IGHV1.45  
IGKV2D.26  
IGKV2D.30  
IGKV1D.16  
IGHV1.69.2  
IGHV3.64  
IGKV1D.8  
IGHV1.69  
IGLV7.46  
IGKV1.39  
IGHV5.10.1  
IGLV8.61  
IGHV4.4  
IGHV1.2  
IGHV3.11  
IGLV3.25  
IGLV2.23  
IGLV1.47  
IGKV1.33  
IGHV5.51  
IGHV2.5  
IGHV1.69D  
IGHV4.39  
IGKV1.5  
IGHV4.59  
IGHV3.21  
IGHV3.43  
IGHV4.34  
IGHV3.7  
IGKV2.30  
IGHV4.30.4  
IGKV1D.39  
IGHV3.23

XH  
XYY  
MXY  
GZR  
HXR2  
HXR  
LL  
ZPP2  
ZPP  
QJY  
ZH  
XYY2  
SQ  
HXX  
LL2  
ZMY1  
LGY  
GW  
ZS  
WYY  
WYF2  
WYF