

| young | | | middle-aged | | | elderly | |
|-------|---|--|-------------|--|--|---------|--|
| donor | sequence CDR3 | | donor | sequence CDR3 | | donor | sequence CDR3 |
| Y-1 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS | | M-1 | CAPR~~VHTGELF~~~~~FGE CAPR~~VHTGELF~~~~~FGE CAPR~~VHTGELF~~~~~FGE CAPR~~VHTGELF~~~~~FGE | | E-1 | CASS~~LVGTGGSYEQY~~~FGP CASS~~HSRDSYNEQF~~~FGP CASS~~HSRDSYNEQF~~~FGP CASS~~PYGQFYEQY~~~FGP |
| Y-2 | CASS~~SATYGYT~~~~~FGS CASS~~SATYGYT~~~~~FGS CASS~~SATYGYT~~~~~FGS CASS~~SATYGYT~~~~~FGS | | M-2 | CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP | | E-2 | CASS~~PGNILYGYT~~~FGS CASS~~PGNILYGYT~~~FGS CASS~~PGNILYGYT~~~FGS CASS~~PGNILYGYT~~~FGS |
| Y-3 | CASS~~SANYGYT~~~~~FGS CASS~~LTGQETQY~~~~~FGP CASS~~VGGPYTGELF~~~FGE CASS~~VGGPYTGELF~~~FGE | | M-3 | CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP CASS~~SVNEQY~~~~~FGP | | E-3 | CASS~~SASYGYT~~~~~FGP CASS~~SASYGYT~~~~~FGP CASS~~SASYGYT~~~~~FGP CASS~~SASYGYT~~~~~FGP |
| Y-4 | CASS~~QWSNEKLF~~~~~FGS CASS~~QWSNEKLF~~~~~FGS CASS~~QWSNEKLF~~~~~FGS CASS~~SANYGYT~~~~~FGS | | M-4 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGQ CASS~~LIGGRNGYT~~~~~FGQ CASS~~LIGGRNGYT~~~~~FGQ | | E-4 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS |
| Y-5 | CASS~~SASYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS | | M-5 | CASS~~SAFYGYT~~~~~FGS CASS~~SVNGAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVNGAF~~~~~FGQ | | E-5 | CASS~~SASYGYT~~~~~FGS CASS~~PGNILYGYT~~~FGS CASS~~SASYGYT~~~~~FGS CASS~~SASYGYT~~~~~FGS |
| Y-6 | CASS~~ANLAGDYNEQF~~~FGP CASS~~LDVDSYNEQF~~~FGP CASS~~SLTGTGYNEQF~~~FGP CASS~~SANYGYT~~~~~FGS | | M-6 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~STTGYT~~~~~FGS CASS~~STTGYT~~~~~FGS | | E-6 | CASS~~VVGGRYGYT~~~FGS CASS~~VVGGRYGYT~~~FGS CASS~~VVGGRYGYT~~~FGS CASS~~VVGGRYGYT~~~FGS |
| Y-7 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS | | | | | E-7 | CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVDEAF~~~~~FGQ |
| Y-8 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SASYGYT~~~~~FGS | | | | | E-8 | CASS~~SAFYGYT~~~~~FGP CASS~~IVNEQF~~~~~FGP CASS~~IVNEQF~~~~~FGP CASS~~IVNEQF~~~~~FGP |
| | | | | | | E-9 | CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~LSTAEAF~~~~~FGQ |
| | | | | | | E-10 | CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~SANYGYT~~~~~FGS CASS~~FANYGYT~~~~~FGS |
| | | | | | | E-11 | CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ CASS~~SVNEAF~~~~~FGQ |