| 1.00<br>0.94<br>0.88<br>0.77<br>0.74 | 1.00<br>0.91<br>0.75<br>0.72<br>0.71 | 1.00<br>1.00<br>0.98<br>0.95<br>0.97 | 1.00<br>0.95<br>0.90<br>0.86<br>0.74 | 1.00<br>0.99<br>0.97<br>0.93<br>0.86 | 1.00<br>0.99<br>0.99<br>1.00<br>0.96 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | 1.00<br>0.90<br>0.87<br>0.68<br>0.77 | 1.00<br>0.99<br>1.00<br>0.92<br>0.93 | 1.00<br>1.00<br>1.00<br>0.99<br>0.98 | 1.00<br>0.94<br>0.90<br>0.83<br>0.62 | 1.00<br>0.97<br>0.97<br>0.92<br>0.92 | 1.00<br>0.96<br>0.85<br>0.89<br>0.82 | 1.00<br>1.00<br>0.98<br>0.94<br>0.95 | 1.00<br>0.99<br>0.96<br>0.96<br>0.91 | 1.00<br>0.98<br>0.97<br>0.99<br>0.94 | 1.00<br>0.98<br>0.96<br>0.92<br>0.93 | 1.00<br>0.94<br>0.89<br>0.90<br>0.77 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | 1.00<br>0.93<br>0.95<br>0.89<br>0.83 | 1.00<br>0.96<br>0.94<br>0.91<br>0.90 | 1.00<br>0.95<br>0.87<br>0.90<br>0.87 | 1.00<br>0.93<br>0.88<br>0.78<br>0.78 | 1.00<br>0.99<br>0.91<br>0.85<br>0.71 | 1.00<br>0.91<br>0.83<br>0.79<br>0.74 | 1.00<br>0.91<br>0.86<br>0.79<br>0.76 | 1.00<br>0.99<br>0.94<br>0.92<br>0.89 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | 28<br>27<br>26<br>25<br>24 |  |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|--|
| 0.67<br>0.64<br>0.55                 | 0.63<br>0.54<br>0.48                 | 0.90<br>0.94<br>0.98                 | 0.68<br>0.62<br>0.54                 | 0.86<br>0.79<br>0.79                 | 0.95<br>1.00<br>0.96                 | 1.00<br>1.00                         | 0.67<br>0.66<br>0.51                 | 0.92<br>0.91<br>0.90                 | 1.00<br>1.00                         | 0.69<br>0.59<br>0.55                 | 0.87<br>0.90<br>0.82                 | 0.76<br>0.68<br>0.66                 | 0.93<br>0.91<br>0.91                 | 0.90<br>0.86<br>0.85                 | 0.96<br>0.92<br>0.92                 | 0.85<br>0.80<br>0.84                 | 0.75<br>0.75<br>0.43                 |                                      | 0.74<br>0.65<br>0.65                 | 0.86<br>0.82<br>0.69                 | 0.71<br>0.70<br>0.73                 | 0.71<br>0.62<br>0.62                 | 0.76<br>0.70<br>0.71                 | 0.70<br>0.54<br>0.53                 | 0.61<br>0.50<br>0.50                 | 0.92<br>0.96<br>0.88                 | 1.00<br>1.00                         | 23<br>22<br>21             |  |
| 0.43                                 | 0.30                                 | 0.87                                 | 0.43<br>0.45                         | 0.66<br>0.64                         | 0.98                                 | 1.00                                 | 0.52                                 | 0.89                                 | 0.99                                 | 0.57<br>0.46                         | 0.77                                 | 0.63<br>0.57                         | 0.90                                 | 0.84<br>0.75                         | 0.93                                 | 0.78<br>0.71                         | 0.59                                 |                                      | 0.68<br>0.59                         | 0.77<br>0.72                         | 0.68<br>0.64                         | 0.49<br>0.45                         | 0.57<br>0.54                         | 0.43<br>0.37                         | 0.50<br>0.36                         | 0.80                                 | 1.00                                 | 20<br>19                   |  |
| 0.34<br>0.48<br>0.27                 | 0.37<br>0.27<br>0.16                 | 0.84<br>0.76<br>0.80                 | 0.30<br>0.31<br>0.24                 | 0.74<br>0.57<br>0.55                 | 0.93<br>0.85<br>0.85                 | 1.00                                 | 0.39<br>0.39<br>0.27                 | 0.79<br>0.78<br>0.82                 | 0.99                                 | 0.45<br>0.31<br>0.36                 | 0.72<br>0.69<br>0.71                 | 0.50<br>0.48<br>0.41                 | 0.85<br>0.87<br>0.83                 | 0.65<br>0.71<br>0.64                 | 0.90<br>0.82<br>0.86                 | 0.63<br>0.63<br>0.70                 | 0.44<br>0.38<br>0.33                 |                                      | 0.49<br>0.43<br>0.43                 | 0.67<br>0.57<br>0.57                 | 0.63<br>0.44<br>0.46                 | 0.41<br>0.42<br>0.27                 | 0.52<br>0.53<br>0.45                 | 0.33<br>0.23<br>0.18                 | 0.36<br>0.35<br>0.19                 | 0.76<br>0.76<br>0.71                 | 1.00                                 | 18<br>17<br>16             |  |
| 0.33<br>0.26<br>0.16                 | 0.19<br>0.11<br>0.02                 | 0.69<br>0.65<br>0.68                 | 0.18<br>0.21<br>0.08                 | 0.51<br>0.46<br>0.40                 | 0.83<br>0.82<br>0.82                 | 1.00<br>1.00<br>1.00                 | 0.20<br>0.20<br>0.17                 | 0.73<br>0.67<br>0.59                 | 0.99<br>0.98<br>0.93                 | 0.31<br>0.27<br>0.24                 | 0.56<br>0.55<br>0.50                 | 0.39<br>0.36<br>0.19                 | 0.83<br>0.71<br>0.67                 | 0.69<br>0.53<br>0.51                 | 0.78<br>0.76<br>0.77                 | 0.58<br>0.51<br>0.49                 | 0.28<br>0.32<br>0.27                 |                                      | 0.31<br>0.43<br>0.32                 | 0.53<br>0.40<br>0.49                 | 0.32<br>0.35<br>0.34                 | 0.30<br>0.29<br>0.18                 | 0.39<br>0.31<br>0.28                 | 0.19<br>0.12<br>0.13                 | 0.23<br>0.12<br>0.17                 | 0.66<br>0.61<br>0.60                 | 1.00<br>1.00<br>1.00                 | 15<br>14<br>13             |  |
| 0.12                                 | 0.04<br>0.04<br>0.05                 | 0.60<br>0.64<br>0.52                 | 0.07<br>0.08<br>0.07                 | 0.33<br>0.26<br>0.26                 | 0.79<br>0.70<br>0.71                 | 1.00<br>0.99<br>1.00                 | 0.12<br>0.11<br>0.02                 | 0.68<br>0.57<br>0.53                 | 0.93<br>0.94<br>0.85                 | 0.21<br>0.16<br>0.08                 | 0.38<br>0.37<br>0.37                 | 0.20<br>0.16<br>0.13                 | 0.72<br>0.57<br>0.44                 | 0.49<br>0.42<br>0.29                 | 0.68<br>0.64<br>0.56                 | 0.30<br>0.37<br>0.37                 | 0.16<br>0.12<br>0.09                 |                                      | 0.26<br>0.22<br>0.18                 | 0.46<br>0.25<br>0.24                 | 0.22<br>0.14<br>0.16                 | 0.14<br>0.10<br>0.14                 | 0.31<br>0.30<br>0.20                 | 0.11<br>0.07<br>0.04                 | 0.08<br>0.16<br>0.05                 | 0.63<br>0.50<br>0.53                 | 1.00<br>1.00<br>1.00                 | 12<br>11<br>10             |  |
| $\overline{}$                        | 0.07<br>0.00<br>0.01                 | 0.57<br>0.43<br>0.24                 | 0.04<br>0.03<br>0.04                 | 0.15<br>0.14<br>0.11                 | 0.70<br>0.50<br>0.46                 | 0.99<br>0.99<br>0.99                 | 0.04<br>0.03<br>0.00                 | 0.38<br>0.41<br>0.41                 | 0.85<br>0.74<br>0.78                 | 0.06<br>0.05<br>0.05                 | 0.42<br>0.17<br>0.11                 | 0.08<br>0.07<br>0.03                 | 0.44<br>0.45<br>0.35                 | 0.29<br>0.28<br>0.14                 | 0.51<br>0.41<br>0.42                 | 0.28<br>0.25<br>0.12                 | 0.03<br>0.08<br>0.03                 |                                      | 0.09<br>0.08<br>0.06                 | 0.22<br>0.15<br>0.15                 | 0.15<br>0.08<br>0.07                 | 0.05<br>0.02<br>0.03                 | 0.11<br>0.10<br>0.06                 | 0.04<br>0.01<br>0.02                 |                                      | 0.37<br>0.42<br>0.29                 | 1.00<br>1.00<br>1.00                 | 9<br>8<br>7                |  |
| 0.00<br>0.01<br>0.00                 |                                      | 0.23<br>0.24<br>0.08                 | 0.01<br>0.03<br>0.00                 | 0.05<br>0.04<br>0.01                 | 0.33<br>0.25<br>0.19                 | 0.99<br>0.91<br>0.93                 | 0.01<br>0.00<br>0.00                 | 0.28<br>0.15<br>0.07                 | 0.69<br>0.45<br>0.39                 | 0.02<br>0.00<br>0.00                 | 0.06<br>0.10<br>0.02                 | 0.01<br>0.01<br>0.00                 | 0.31<br>0.21<br>0.08                 | 0.15<br>0.05<br>0.03                 | 0.26<br>0.19<br>0.07                 | 0.12<br>0.11<br>0.03                 | 0.03<br>0.00<br>0.00                 | 0.98<br>0.97<br>0.97                 | 0.02<br>0.02<br>0.01                 | 0.11<br>0.10<br>0.03                 | 0.04<br>0.04<br>0.00                 | 0.02<br>0.00<br>0.00                 | 0.03<br>0.00<br>0.00                 | 0.02<br>0.00<br>0.01                 | 0.00<br>0.01<br>0.00                 | 0.24<br>0.12<br>0.08                 | 0.99<br>0.99<br>1.00                 | 6<br>5<br>4                |  |
| 0.00<br>0.00<br>0.00                 |                                      | 0.05<br>0.01<br>0.01                 |                                      |                                      | 0.10<br>0.02<br>0.02                 | 0.79<br>0.46<br>0.21                 |                                      | 0.03<br>0.00<br>0.00                 | 0.06<br>0.01<br>0.00                 |                                      | 0.03<br>0.00<br>0.00                 |                                      | 0.03<br>0.00<br>0.00                 |                                      | 0.05<br>0.02<br>0.01                 |                                      |                                      | 0.85<br>0.60<br>0.27                 |                                      |                                      |                                      |                                      |                                      |                                      |                                      | 0.03<br>0.00<br>0.00                 | 0.98<br>0.88<br>0.48                 | 3<br>2<br>1                |  |
| EGF                                  | FGF2                                 | GCSF                                 | VEGF                                 | GMSCF                                | TGFa                                 | Eotaxin                              | Fractalkine                          | GRO                                  | MCP1                                 | MCP3                                 | MDC                                  | MIP1a                                | MIP1b                                | IP10                                 | IL8                                  | IL1b                                 | <u> </u> 2                           | 4                                    | IL5                                  | IL6                                  | IL7                                  | IL10                                 | IL13                                 | INFa                                 | INFg                                 | TNFa                                 | sCD40L                               |                            |  |