

# Estrogen signaling pathway – Homo sapiens (human)

## Monocyte

Q15596 - 0 0.04.090.02.040.04.05.030.030.030.01 0-0.02.030.06.060.06.020.03.030.070.070.060 0.05 **1**  
Q14573 -0.030.03.070.01+0.40.09.030.050.040.08.050.040.060.02.120.120.03.030.020.040.020.140.03.03 1 0.05  
Q14571 -0.060.10.010.170.130.060.060.040.06.080.17+0.0.060.030.130.10.130.040.080.10.+0.011 0.03 0  
Q13451 -0.06.04 0 0.110.03.540.120.060.032 0 0.050.06.020.060.12.030.030 0.06.140.11 **1**-0.040.030.06  
Q08828 -0.06.040.080.08.040.020.06.030.03.030.07 0 0.060.040.050.02.040.030.10.040.01 **1**0.110.140.140.07  
Q07889 -0.050.13.020.06.030.220.10.010.230.15.050.06.020.1+0.05.020.03.030.020.1 **1**-0.03.140.40.02.07  
Q05655 -0.40.040.020.16.030.140.020.020.070.09.060.050.010.060.070.01 0-0.060.07 **1**0.10.010.060.060.06.05  
Q02790 -0.030.040.04.16.040.09.010.130.020.05.090.02.010.040.060.01.140.05 **1**-0.020.020.1 0-0.03.020.01  
Q02750 -0.040.05.030.170.030.050.02.040.040.1+0.03.140.060.050-0.070.06 **1**-0.040.06.030.030.03.130.030.02  
P62993 -0.040.1 0-0.08.03 0 0 0.060.12.060.040.08.030.02 0-0.07 **1**0.060.11 0-0.03.040.030.140.040.06  
P48549 -0.10.040.040.08.140.040.140.07.030.020.030.04.110.010.03 **1**-0.020.070.030.010.020.020.120.130.12.06  
P42336 -0.140.040.03.030.060.030.030.030.050.010.030.09.1 **1**0.03 0 0-0.06.070.050.05.030.030.120.06  
P35527 -0.040.10.050.030.06.020.09.140.010 0.160.140.04 **1**0.110.010.020.05.040.060.10.040.020.060.02.03  
P17066 -0.110.030.0.030.020.130.010.050.03.130.02.02 **1**-0.080.09.110.030.060.010.010.020.060.080.40.060.02  
P14625 -0.040.02.040.30.040.060.060.060.10.050.05 **1**0.020.10.030.040.03.140.020.060.060 0.030.170.01 0  
P13645 -0.06.020.090.030 0.010.040.05.060.07 **1**-0.060.02.150.040.030.040.08.090.060.050.07 0 0.030.050.01  
P11142 -0.010.020.060 0.190.540.060.03.13 **1**0.070.050.13 0-0.05.020.060.10.050.07.150.060.320.060.08.03  
P0DPMV9 -0.090.030.060.050.140.10.06 **1**-0.090.060.050.050.110.130.070.080.010.130.020.010.030.060.040.050.03  
P08253 -0.06.050.040.140.060.05 **1**0.060.060.030.040.08.040.09.050.110-0.02.040.020.140.060.120.08.060.05  
P08238 -0.020.040.02.030.22 **1**-0.060.170.10.510.010.060.130.020.030.01 0-0.060.09.110.220.02.540.060.090.01  
P07900 -0.030.060.070.111 0.220.060.140.09.19 0 0.040.020.06.060.140.030.030.010.080.010.030.130.140.04  
P07339 -0.090.07.06 **1**-0.10.090.10.050.06 0-0.030.30.030.03.030.040.08.170.150.150.060.03.110.170.040.02  
P04899 -0.120.01 **1**0.060.070.020.010.060.040.0.050.030.010 0.030.040.07.020.08 0 0.010.070.09  
P01116 -0.031-0.040.070.060.010.050.060.030.020.020.02.030.140.040.40.050.040.010.130.040.040.140.03.04  
Q95622 **1**-0.030.120.080.080.020.060.09.120.040.060.08.110.040.110.140.080.040.030.0.050.040.040.050.03 0

## Macrophage

-0.130.050.030.02 0 0.060.060.060.130.040.010.050.030.08 0 0.080.140.010.080.05.11-0.140.050.060.06 **1**  
-0.020.010.170.190.090.340.030.030.21-0.20.110.080.060.140.010.080.230.040.080.030.010.160.11 **1**0.06  
-0.080.060.070.180.080.140.110.020.150.140.030.06 0 -0.070.050.080.060.160.040.040.050.070.1 **1**0.110.06  
-0.090.030.040.150.050.320.030.050.180.210.11-0.10.010.140.040.030.240.010.090.030.01 **1**-0.140.160.05  
-0.070.09 0 -0.070.040.06 0 0 -0.20.070.060.030.070.020.040.070.150.03 0 0.030.07 **1**0.01+0.070.01-0.1  
-0.140.280.1 0.140.030.140.130.020.230.080.020.070.040.060.020.140.170.08 0 -0.04 **1**-0.070.030.050.030.11  
-0.030.020.030.070.060.080.040.040.030.080.020.040.060.050.040.01+0.080.140.07 **1**-0.040.030.090.040.090.05  
-0.020.040.030.050.050.050.020.040.030.01+0.040.040.020.01 0 -0.010.040.04 **1**-0.07 0 0 0.01+0.040.010.08  
-0.01+0.020.150.31+0.030.280.140.050.250.280.150.17+0.040.170.050.090.11 **1**-0.040.110.080.030.240.160.23+0.01  
-0.110.110.090.030.080.170.010.060.090.120.11 0 0 -0.03 0 -0.16 **1**0.110.040.080.170.150.030.060.060.11  
-0.040.140.040.150.020.030.220.030.210.050.030.110.01+0.030.07 **1**-0.160.090.010.010.140.070.040.080.010.08  
-0.030.040.030.140.01 0 -0.05.020.110.020.030.050.01+0.02 **1**0.07 0 0.05 0 0.040.020.040.010.050.01 0  
-0.01+0.040.080.160.030.110.1 0 -0.150.080.120.070.03 **1**-0.020.030.030.170.010.050.060.020.11+0.070.140.08  
-0.020.020.040.020.090.110.010.01+0.050.140.040.07 **1**-0.030.010.01 0 -0.040.020.060.040.070.01 0 -0.060.03  
-0.020.020.140.260.070.030.080.020.21 0 -0.05 **1**0.070.070.050.1 0 0.170.040.040.070.080.10.060.080.05  
-0.070.030.050.10.010.170.080.050.10.16 **1**-0.050.040.120.030.030.140.150.010.020.020.060.11+0.080.140.01  
-0.020.080.080.10.240.530.040.080.04 **1**0.16 0 0.140.080.020.050.120.230.010.080.080.070.21+0.11+0.20.04  
-0.17-0.20.180.380.050.020.210.02 **1**-0.040.110.21+0.060.150.110.2-0.090.250.080.060.29-0.20.130.150.210.13  
-0.030.010.080.030.050.10.04 **1**0.020.080.050.020.01 0 0.020.090.060.050.040.040.02 0 -0.050.020.030.06  
-0.050.080.040.160.010.05 **1**0.040.210.040.080.030.01 0.1-0.060.220.040.140.020.040.13 0 0.030.140.090.06  
-0.020.140.120.150.37 **1**0.05-0.140.02.530.170.030.110.11 0 0.030.170.280.050.080.140.060.320.140.30.06  
- 0 -0.01 0 -0.01 **1**0.370.040.050.050.240.010.070.090.030.040.020.080.030.050.060.090.010.050.080.09 0  
-0.040.080.2 **1**-0.040.160.160.030.38-0.1-0.10.260.020.160.140.150.030.31+0.060.070.140.070.150.180.190.02  
-0.01+0.03 **1**0.2 0 -0.120.010.080.180.080.050.140.040.060.030.040.090.150.030.030.1 0 -0.040.070.170.03  
-0.09 **1**-0.030.080.040.110.080.010.20.080.030.020.020.040.040.110.1-0.020.040.020.230.090.030.080.040.05  
- **1**-0.030.010.04 0 0.020.050.030.170.020.070.020.020.01+0.030.040.110.01+0.020.030.140.070.090.080.020.13