

Supplementary material (SM):

SM1. List of p-values associated to each Spearman correlation coefficient for each pair of variables:

\$`HAT-1-IMP4` [1] 6.787995e -07	\$`IMP4-RBBP7` [1] 4.198317e -08	\$`IMP5-AIF-1` [1] 6.358696e -06	\$`RBBP7-ASF-1` [1] 3.398881e -11
\$`HAT-1-IMP5` [1] 8.111142e -05	\$`IMP4-H3` [1] 6.350476e -14	\$`IMP5-IL-12A` [1] 0.0002626 645	\$`RBBP7-PGAM1` [1] 0.0127835 8
\$`HAT-1-NASP` [1] 2.621481e -05	\$`IMP4-H4` [1] 5.312062e -11	\$`IMP5-IL-18` [1] 0.1527061	\$`RBBP7-AIF-1` [1] 0.0002355 17
\$`HAT-1-RBBP7` [1] 2.784122e -05	\$`IMP4-ASF-1` [1] 5.329071e -15	\$`IMP5-IL-10` [1] 0.0015363 68	\$`RBBP7-IL-12A` [1] 7.616569e -07
\$`HAT-1-H3` [1] 1.503178e -06	\$`IMP4-PGAM1` [1] 7.221345e -05	\$`NASP-RBBP7` [1] 1.442853e -06	\$`RBBP7-IL-18` [1] 0.2643393
\$`HAT-1-H4` [1] 6.227679e -07	\$`IMP4-AIF-1` [1] 0.0002055 784	\$`NASP-H3` [1] 2.282619e -12	\$`RBBP7-IL-10` [1] 0.0004923 455
\$`HAT-1-ASF-1` [1] 6.378745e -06	\$`IMP4-IL-12A` [1] 1.318041e -06	\$`NASP-H4` [1] 7.709597e -10	\$`H3-H4` [1] 0
\$`HAT-1-PGAM1` [1] 0.0027579 94	\$`IMP4-IL-18` [1] 0.1224245	\$`NASP-ASF-1` [1] 1.808265e -11	\$`H3-ASF-1` [1] 5.208722e -11
\$`HAT-1-AIF-1` [1] 0.0288277 5	\$`IMP4-IL-10` [1] 0.0022692 44	\$`NASP-PGAM1` [1] 5.621866e -05	\$`H3-PGAM1` [1] 0.0004912 666
\$`HAT-1-IL-12A` [1] 3.024147e -05	\$`IMP5-NASP` [1] 2.615241e -12	\$`NASP-AIF-1` [1] 3.248003e -05	\$`H3-AIF-1` [1] 1.177401e -06
\$`HAT-1-IL-18` [1] 0.0059357 72	\$`IMP5-RBBP7` [1] 1.28738e- 08	\$`NASP-IL-12A` [1] 6.560214e -05	\$`H3-IL-12A` [1] 4.419348e -09
\$`HAT-1-IL-10` [1] 0.0040999 83	\$`IMP5-H3` [1] 3.952394e -14	\$`NASP-IL-18` [1] 0.0566136 4	\$`H3-IL-18` [1] 0.0156517 7
\$`IMP4-IMP5` [1] 5.329071e -15	\$`IMP5-H4` [1] 3.135536e -11	\$`NASP-IL-10` [1] 0.0020986 42	\$`H3-IL-10` [1] 0.0002181 515
\$`IMP4-NASP` [1] 5.382798e -08	\$`IMP5-ASF-1` [1] 5.329071e -15	\$`RBBP7-H3` [1] 4.347481e -08	\$`H4-ASF-1` [1] 1.027372e -08
	\$`IMP5-PGAM1` [1] 0.0001525 647	\$`RBBP7-H4` [1] 8.222441e -06	

\$`H4-PGAM1`  
[1] 0.0003051  
626

\$`H4-AIF-1`  
[1] 7.521702e  
-06

\$`H4-IL-12A`  
[1] 9.02059e-  
07

\$`H4-IL-18`  
[1] 0.0087478  
04

\$`H4-IL-10`  
[1] 0.0003611  
978

\$`ASF-1-PGAM1`  
[1] 2.403285e  
-06

\$`ASF-1-AIF-1`  
[1] 0.0003221  
601

\$`ASF-1-IL-12`  
A`  
[1] 2.829045e  
-06

\$`ASF-1-IL-18`  
[1] 0.1403787

\$`ASF-1-IL-10`  
[1] 0.0043851  
62

\$`PGAM1-AIF-1`  
[1] 0.0165192  
3

\$`PGAM1-IL-12`  
A`  
[1] 0.0022544  
15

\$`PGAM1-IL-18`  
[1] 0.1230768

\$`PGAM1-IL-10`  
[1] 0.0262647  
9

\$`AIF-1-IL-12`  
A`  
[1] 0.0001353  
335

\$`AIF-1-IL-18`  
[1] 0.0319083  
3

\$`AIF-1-IL-10`  
[1] 5.19369e-  
07

\$`IL-12A-IL-1`  
8`  
[1] 0.0035664  
31

\$`IL-12A-IL-1`  
0`  
[1] 0.0027526  
17

\$`IL-18-IL-10`  
[1] 0.0124164  
8