

Table W1. Eighteen Genes of the Initial IFN Signature.

Gene Symbol	Represented and Functional in Thompson and Fattet Data Sets	Part of the Med-IFN Core Signature
<i>CCR2</i>	No	No
<i>CXCL10</i>	Yes	Yes
<i>FCGR1A</i>	No	No
<i>IFI27</i>	Yes	Yes
<i>IFI44</i>	Yes	No
<i>IFIT1</i>	Yes	Yes
<i>IFIT2</i>	Yes	Yes
<i>IFIT3</i>	Yes	Yes
<i>IFIT5</i>	Yes	No
<i>MX1</i>	Yes	Yes
<i>MX2</i>	Yes	Yes
<i>OAS1</i>	Yes	Yes
<i>OAS2</i>	Yes	Yes
<i>OAS3</i>	Yes	No
<i>OASL</i>	Yes	No
<i>SOCS1</i>	Yes	No
<i>STAT1</i>	Yes	Yes
<i>TNFSF10</i>	Yes	No

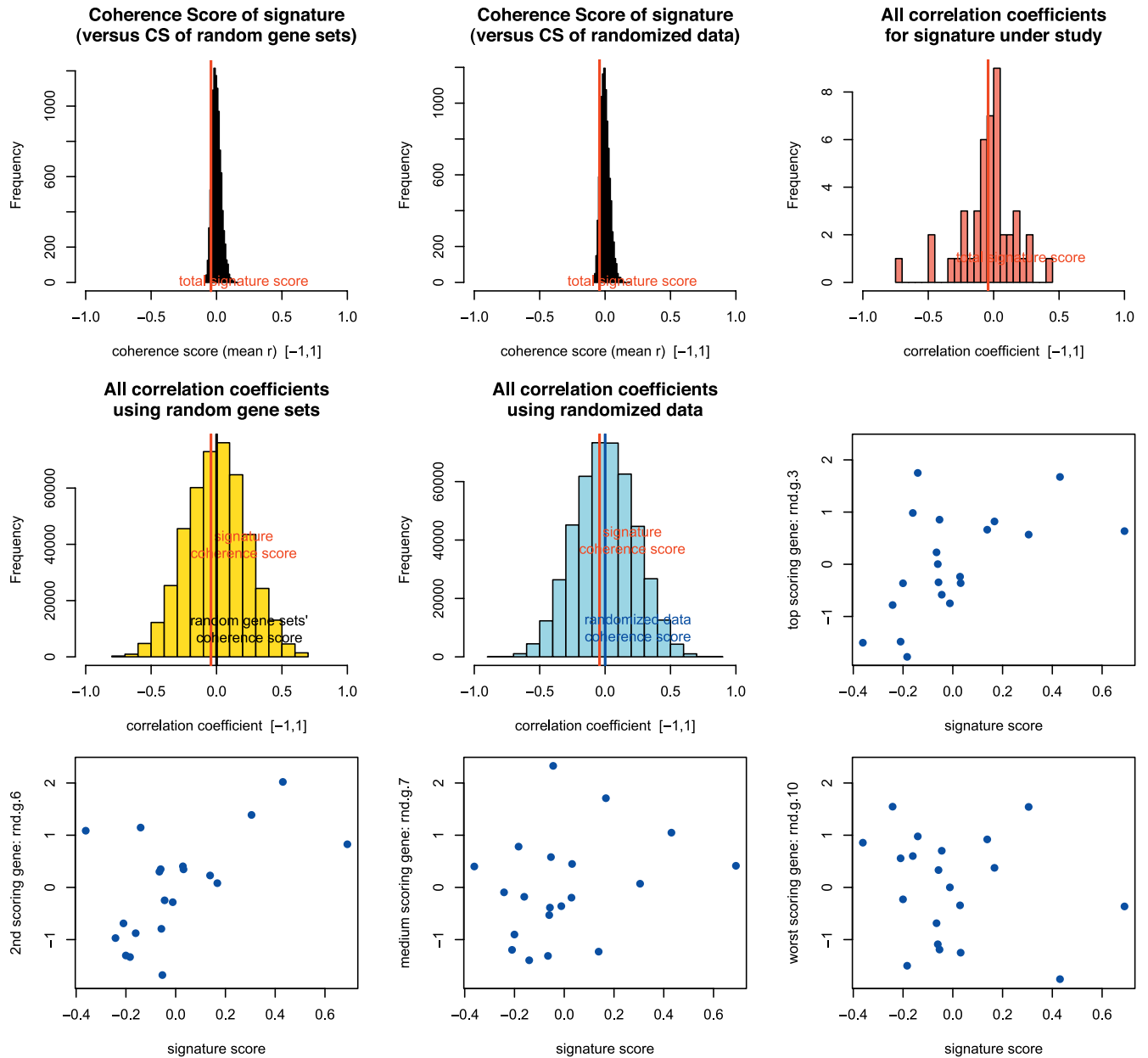


Figure W1. Diagnostic plots of the coherence scores for the simulated nonregulated (random), weakly regulated, and strongly regulated signature shown in Figure 1.

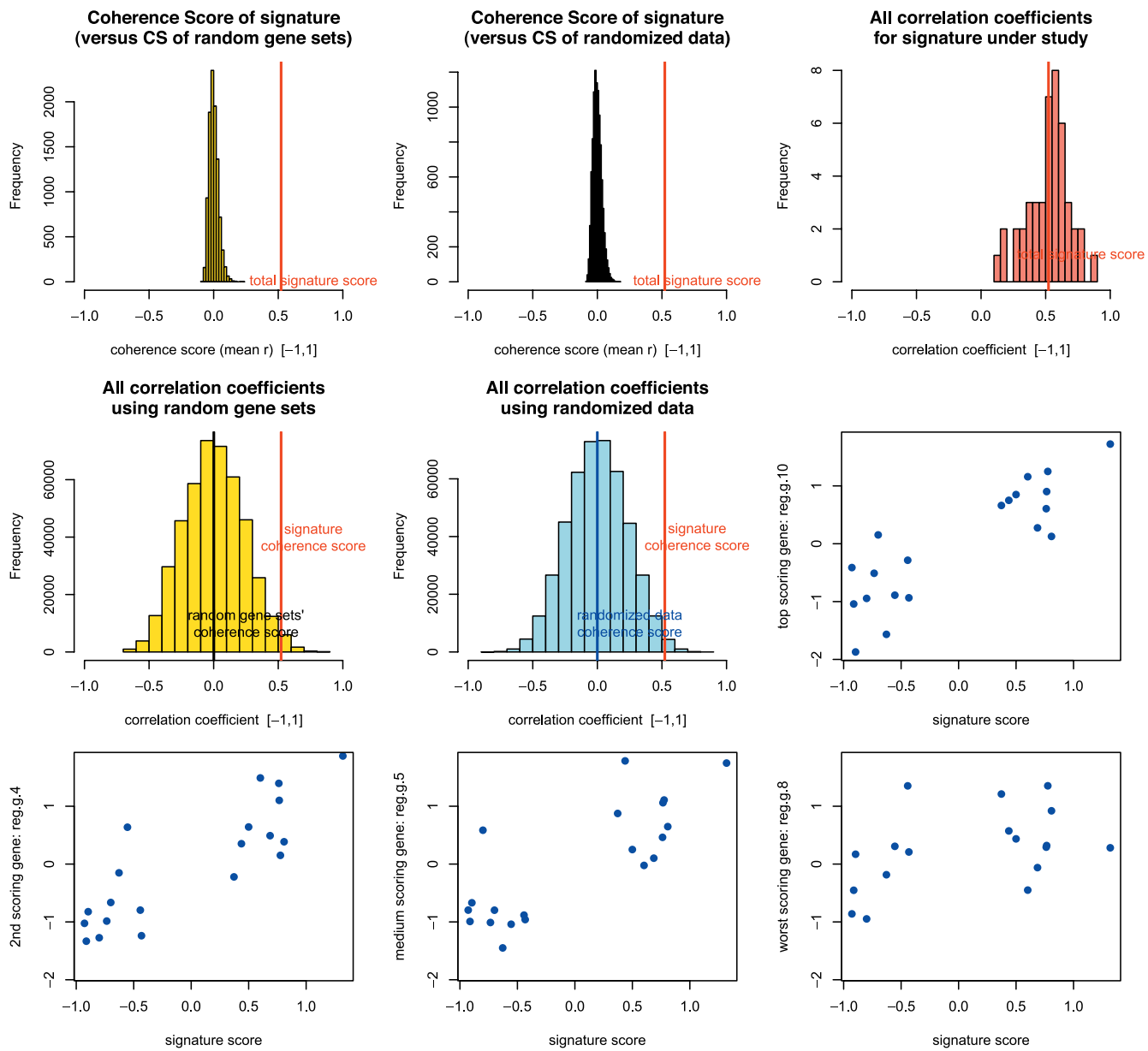


Figure W1. (continued).

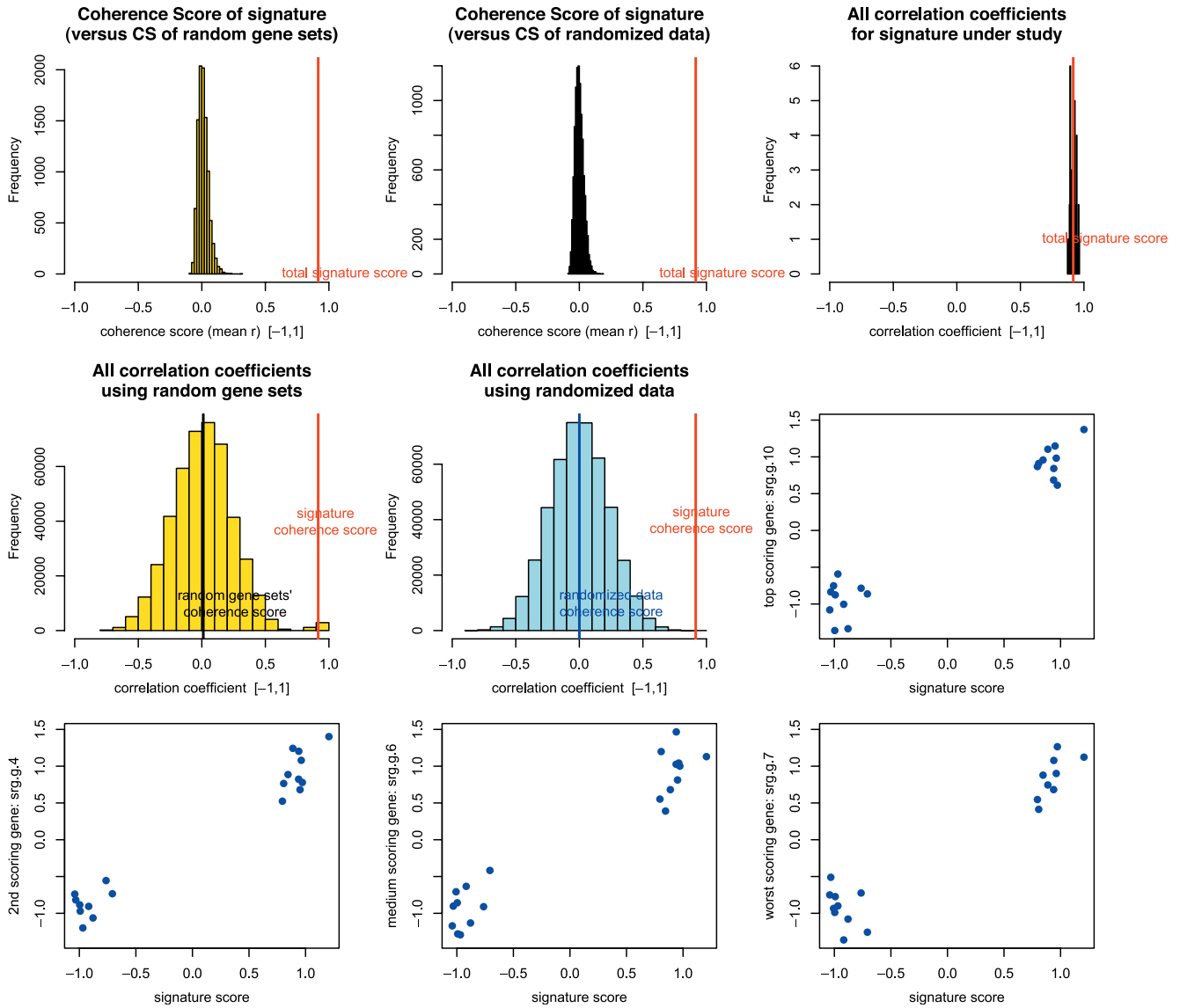


Figure W1. (continued).

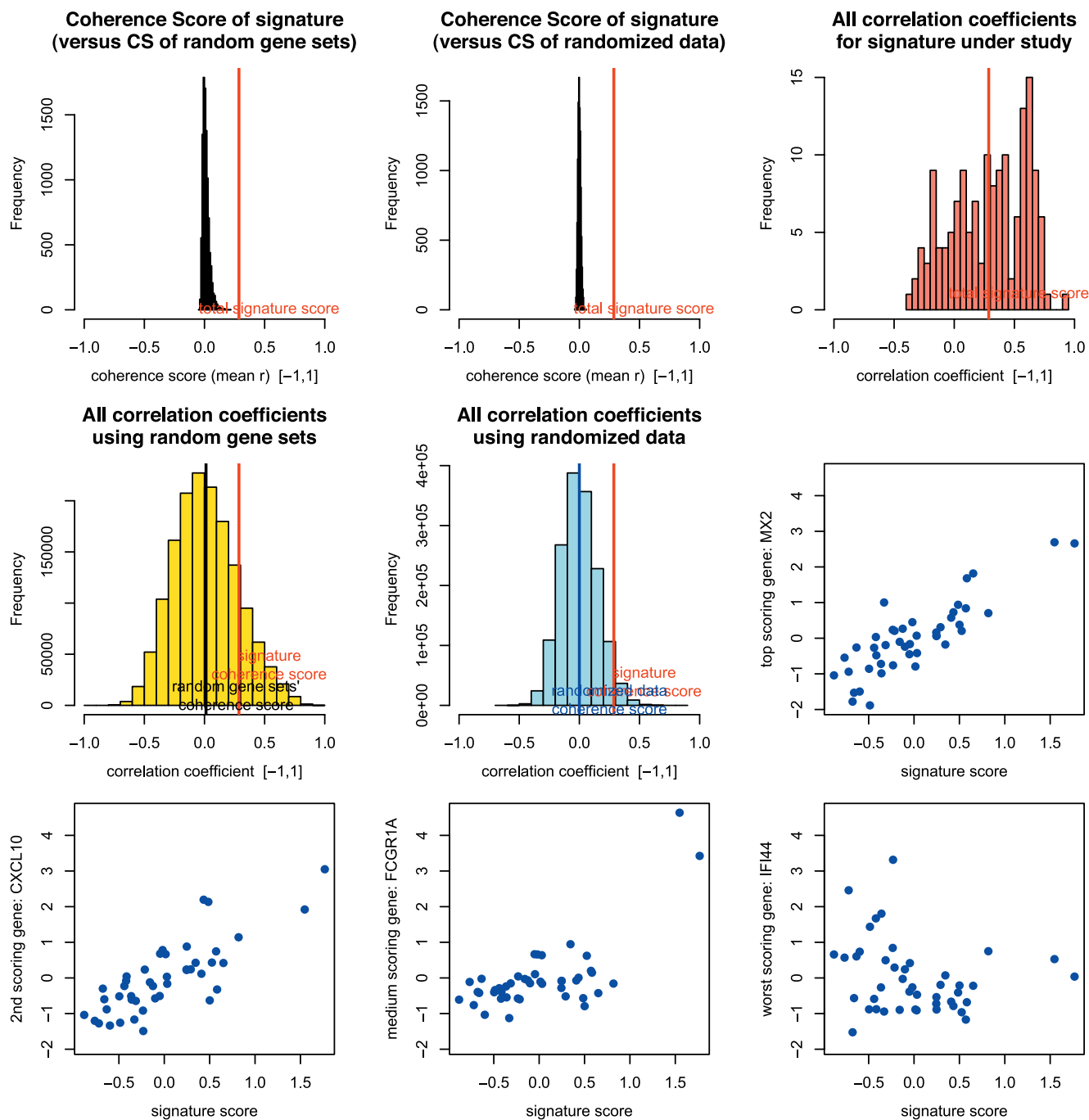


Figure W2. Coherence score: diagnostic plots for the initial IFN signature in Thompson data set.

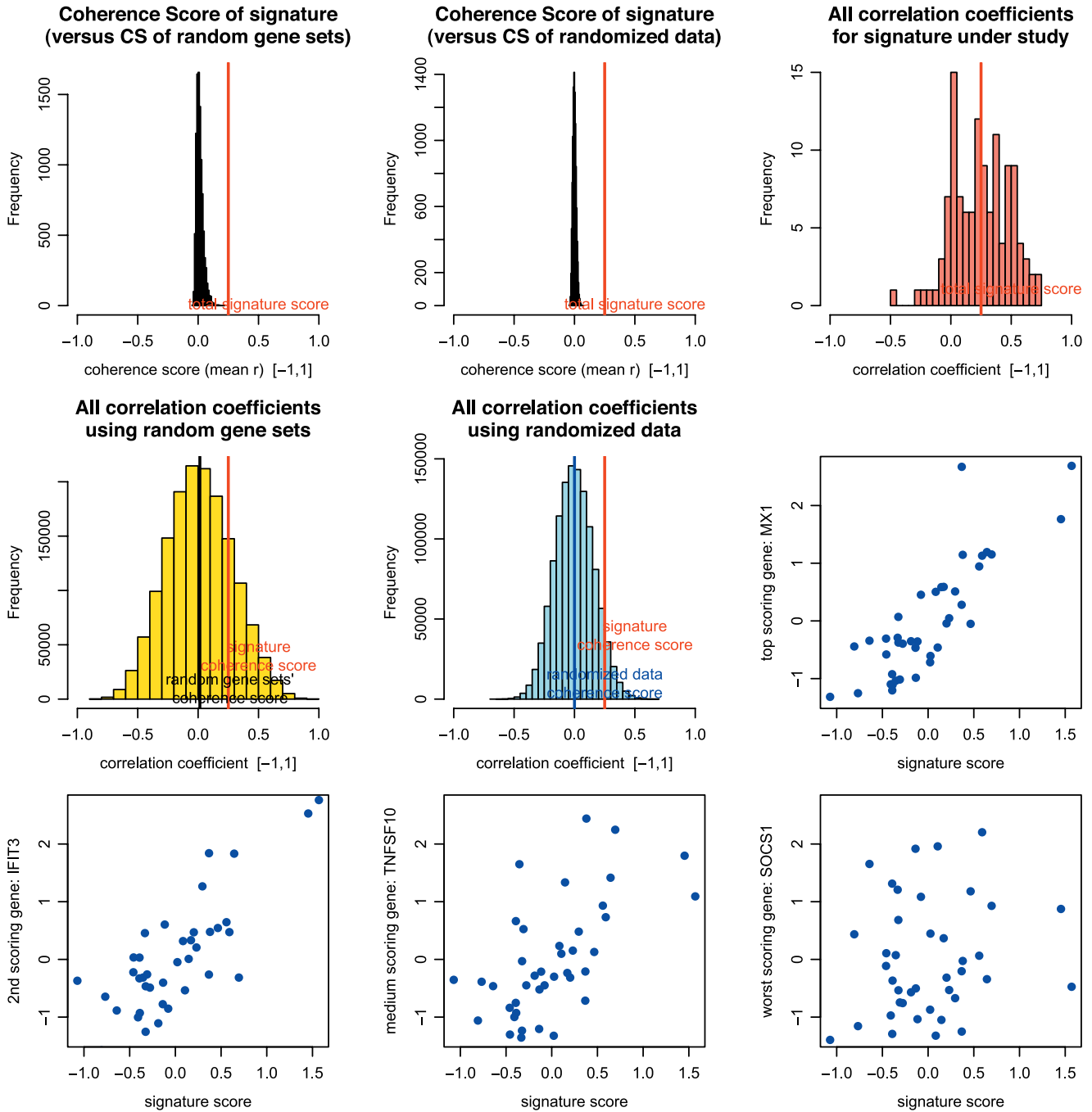


Figure W3. Coherence score: diagnostic plots for the initial IFN signature in Fattat data set.