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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the **conception of the study**: Quan Zhao, Stephen Jane

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

- Zhen Xu, Yinghong He, Junyi Ju, and Gerhard Rank were responsible for ChIP analysis, protein interaction studies, RNA interference experiments, and quantitative real time PCR.
- Zhen Xu, Yinghong He, Loretta Cerruti, and Chi Ma were responsible for cell culture and viral infection.
- Richard Simpson and Robert Moritz were responsible for mass spectrometry and size exclusion chromatography.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Zhen Xu, Yinghong He, and Junyi Ju were responsible for results: 1. WDR5 interaction with NF-E4 (Figure 1 and Figure 2) 2. WDR5 represses human γ -globin gene transcription in both K562 cells and human adult erythroid cells (Figure 3, Figure 4, Figure 5 and Figure S1-6).
- Richard Simpson, Robert Moritz and Gerhard Rank were responsible for Figure 1A, Figure 4E.

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:

- Stephen Jane and Quan Zhao were responsible for writing the manuscript.

6) **Contributors Listed in Acknowledgments**:

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