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The key in-house source codes used in this meta-analysis have been provided as Supplementary File 4. The shotgun data of the ELDERMET is available for download from the ELDERMET website at <http://eldermet.ucc.ie/temp1/eldermet_shotgun_data_filtered_all_sample.tar>.

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The details of the datasets used in the current study have been uploaded as Supplementary Files 1 and 2. The source data used for Figure 2, Figure 4 and Figure 5 have been supplied as additional source data files for the corresponding figures. The protocol adopted in this study use publicly available R modules and softwares. The key in-house source codes used in this meta-analysis have been provided as Supplementary File 4. The shotgun data of the ELDERMET is available for download from the ELDERMET website at <http://eldermet.ucc.ie/temp1/eldermet_shotgun_data_filtered_all_sample.tar>.