

Knowledge-Driven Mechanism Enrichment of the Preeclampsia Ignorome

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SUPPLEMENTAL MATERIAL

This section provides additional information on the preeclampsia ignorome studies obtained from the Gene Expression Omnibus that were examined as part of our meta-analysis.

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Supplemental Table 1. Status of Reviewed Preeclampsia GEO Studies.

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Source	GSE	Decision	Exclusion Reason
GEO	GSE10588	Include	
GEO	GSE24129	Include	
GEO	GSE73374	Include	
GEO	GSE14722	Include	
GEO	GSE4707	Include	
GEO	GSE74341	Include	
GEO	GSE25906	Include	
GEO	GSE35574	Include	
GEO	GSE30186	Include	
GEO	GSE44711	Include	
GEO	GSE60438	Include	
GEO	GSE43942	Include	
GEO	GSE75010	Exclude	May help with post hoc interpretation
GEO	GSE12767	Exclude	May help with post hoc interpretation
GEO	GSE85307	Exclude	May help with post hoc interpretation
GEO	GSE91189	Exclude	Laser microdissection of cell types
GEO	GSE93839	Exclude	Laser microdissection of cell types
GEO	GSE94643	Exclude	Laser microdissection of cell types
GEO	GSE94644	Exclude	Laser microdissection of cell types
GEO	GSE6573	Exclude	Only 2 samples in the placenta condition
GEO	GSE47187	Exclude	Control and case occur on the same probe, but in different channels
GEO	GSE12216	Exclude	Not preeclampsia
GEO	GSE13155	Exclude	Not preeclampsia
GEO	GSE41681	Exclude	Not placenta biopsy; cultured HUVECs
GEO	GSE13475	Exclude	Not placenta biopsy; cell culture
GEO	GSE4100	Exclude	Not placenta biopsy; cell culture
GEO	GSE54400	Exclude	Not placenta biopsy
GEO	GSE86200	Exclude	Not placenta biopsy
GEO	GSE48424	Exclude	Not placenta biopsy
GEO	GSE91077	Exclude	Not placenta biopsy
GEO	GSE79782	Exclude	Not placenta biopsy

Source	GSE	Decision	Exclusion Reason
GEO	GSE79781	Exclude	Not placenta biopsy
GEO	GSE79783	Exclude	Not placenta biopsy
GEO	GSE99007	Exclude	May help cell type contribution of DEG signature
GEO	GSE38747	Exclude	May help cell type contribution of DEG signature
GEO	GSE93020	Exclude	Not gene expression; not transcriptome
GEO	GSE49343	Exclude	Not gene expression; not transcriptome
GEO	GSE84260	Exclude	Not gene expression; not transcriptome
GEO	GSE69452	Exclude	Not gene expression; not transcriptome
GEO	GSE63743	Exclude	Not gene expression; not transcriptome
GEO	GSE57767	Exclude	Not gene expression; not transcriptome
GEO	GSE73375	Exclude	Not gene expression; not transcriptome
GEO	GSE75196	Exclude	Not gene expression; not transcriptome
GEO	GSE44667	Exclude	Not gene expression; not transcriptome
GEO	GSE59274	Exclude	Not gene expression; not transcriptome
GEO	GSE75941	Exclude	Not gene expression; not transcriptome
GEO	GSE41336	Exclude	Not gene expression; not transcriptome
GEO	GSE63999	Exclude	Not gene expression; not transcriptome
GEO	GSE50783	Exclude	Not gene expression; not transcriptome
GEO	GSE98938	Exclude	Not gene expression; not transcriptome
GEO	GSE97898	Exclude	Not gene expression; not transcriptome
GEO	GSE15789	Exclude	Not gene expression; not transcriptome
GEO	GSE65271	Exclude	In vitro HTR8svneo
GEO	GSE37901	Exclude	Gestational age inconsistent with study design
GEO	GSE36083	Exclude	First trimester explants
GEO	GSE59686	Exclude	Fetal membranes; not true placental biopsy
GEO	GSE74446	Exclude	Ex vivo cultured placental explants
GEO	GSE40182	Exclude	Ex vivo cultured placental cells
GEO	GSE41331	Exclude	Ex vivo cultured placental cells
GEO	GSE73377	Exclude	Contains GSE73375 and GSE73374 (used GSE73374 for expression)
GEO	GSE44712	Exclude	Contains GSE4467 and GSE44711 (used GSE44711 for expression)
GEO	GSE31679	Exclude	Cells cultures in vitro
GEO	GSE64272	Exclude	In vitro hESCs and iPSCs

Source	GSE	Decision	Exclusion Reason
GEO	GSE72712	Exclude	In vitro hESCs
GEO	GSE22526	Exclude	No control samples; may help with post hoc interpretation
GEO	GSE13299	Exclude	No control samples; may help with post hoc interpretation
GEO	GSE9984	Exclude	May help with post hoc interpretation
GEO	GSE25861	Exclude	May help cell type contribution of DEG signature
GEO	GSE54618	Exclude	Questionable, recommend excluding