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Appendix 1.

HEI Retina case IDs, including sample tube ID, strain, age, sex, and source of mice. To access the data, click or select the words “[Appendix 1.](#)” This will initiate the download of a

compressed (pdf) archive that contains the file. Hamilton Eye Institute Retina Database case IDs, including sample tube ID, strain, age, sex, and source of mice.

Appendix 2.

Top 100 gene correlates of growth associated protein 43 (*Gap43*). To access the data, click or select the words

“[Appendix 2.](#)” This will initiate the download of a compressed (pdf) archive that contains the file.

Appendix 3.

The genes shared in the top 2,000 correlates of growth associated protein 43 (*Gap43*) and phosphatase tensin homolog (*Pten*). To access the data, click or select the words

“[Appendix 3.](#)” This will initiate the download of a compressed (pdf) archive that contains the file.

Appendix 4.

List of genes that share genetic correlations among the growth associated protein 43/ phosphatase tensin homolog (*Gap43/Pten*) network within the retina. To access the data,

click or select the words “[Appendix 4.](#)” This will initiate the download of a compressed (pdf) archive that contains the file.