Three data sets are contained in this Enlighten entry:

1. The “Fig 5.zip” folder contains spreadsheets of the overlapping pair analyses of each mutant and WT Aaeg Dcr2 presented in Fig 5.
2. The “Fig 6 and S7A.zip” folder contains spreadsheets of the overlapping pair analyses of each mutant and WT Aaeg Dcr2 presented in Fig 6 and S7A Fig.
3. The “S7BC-C Fig.zip” folder contains spreadsheets of the overlapping pair analyses of each mutant and WT Aaeg Dcr2 presented in S7B and S7C Fig.
4. The spreadsheet “source data\_Dcr2.xlsx” contains the data presented in the remaining figures of the paper, separated by tabs for each corresponding figure.
5. The file “Aaeg Dcr2.pdb” is the PDB structure of the WT Aaeg Dcr2 constructed using AlphaFold.

For any questions, email addresses of corresponding authors are provided in the manuscript.

The authors.