

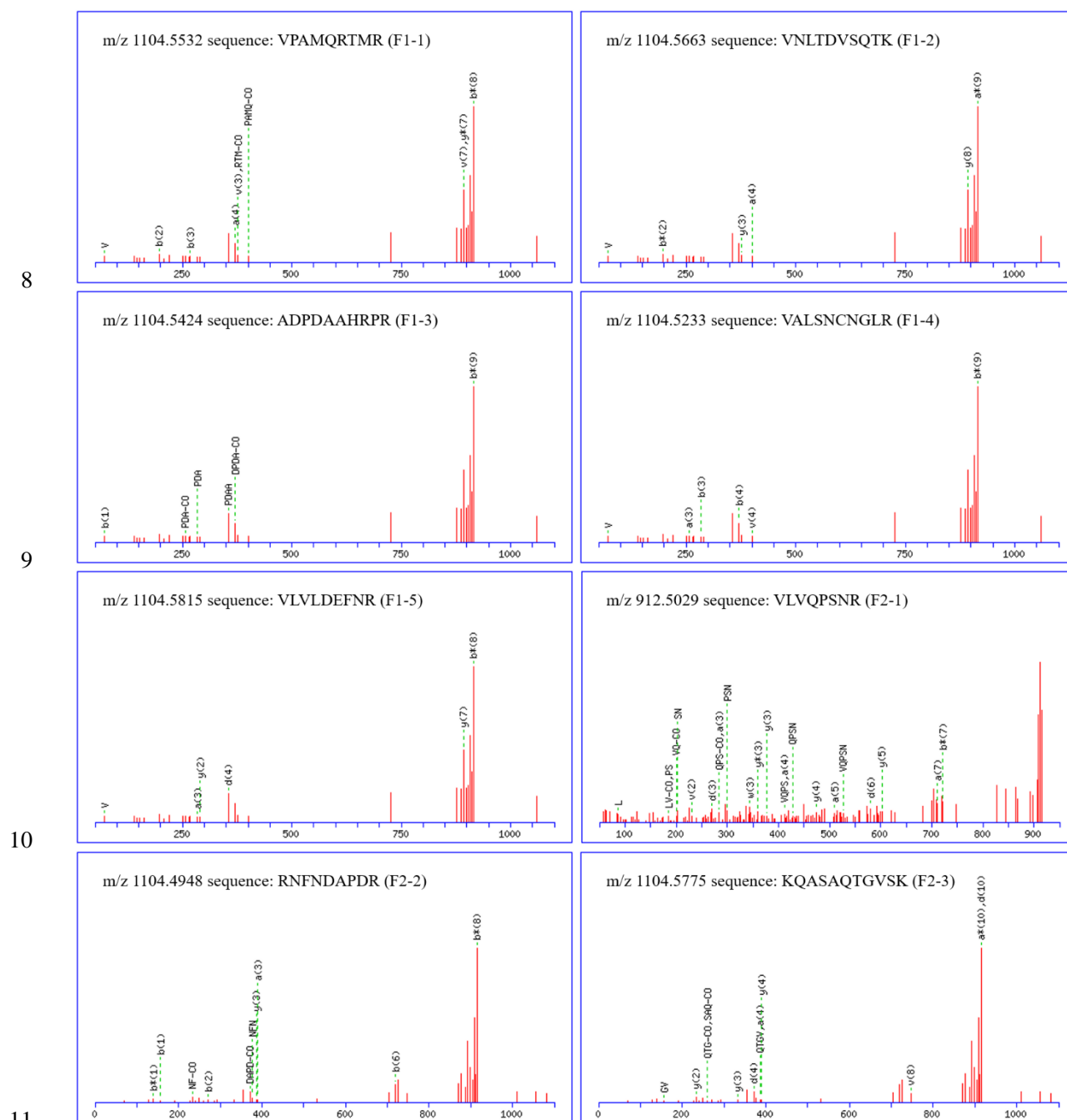
1 **Figure captions**

2 **Fig. S1** MS/MS spectra of identified peptides.

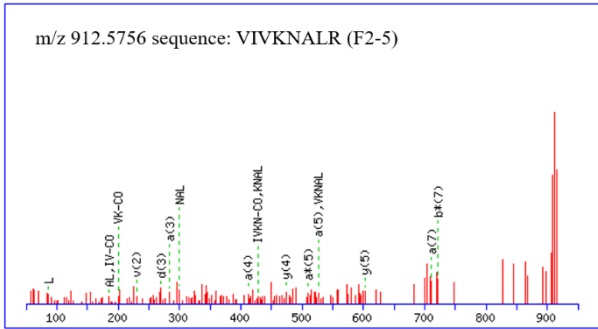
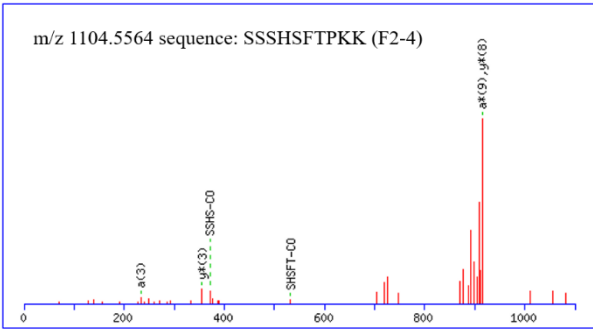
3 **Fig. S2** Molecular docking results and 2D graph of interactions between identified peptides and
4 the receptor MPO.

5 **Fig. S3** ROS flow cytograms of H₂O₂-induced oxidative damage in HEK-293 cell treated by
6 identified peptides.

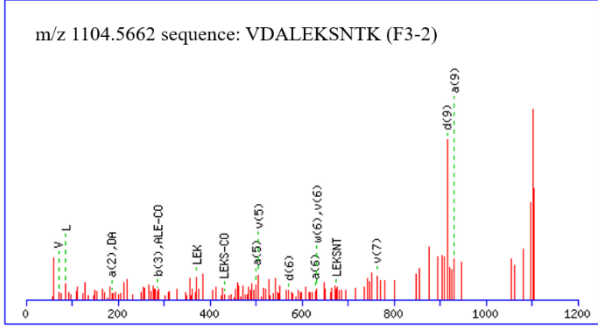
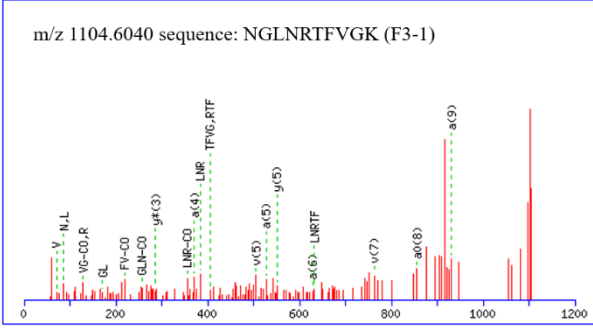
7 **Fig. S1**



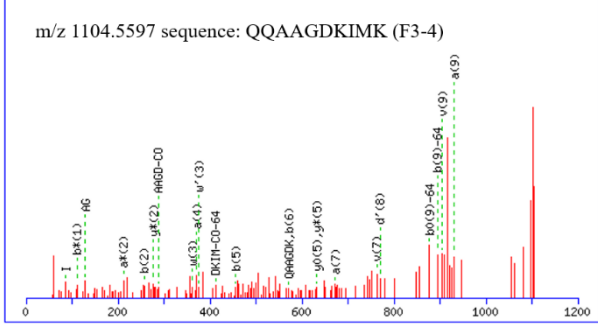
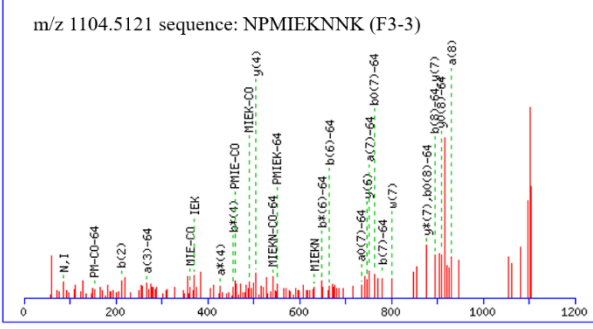
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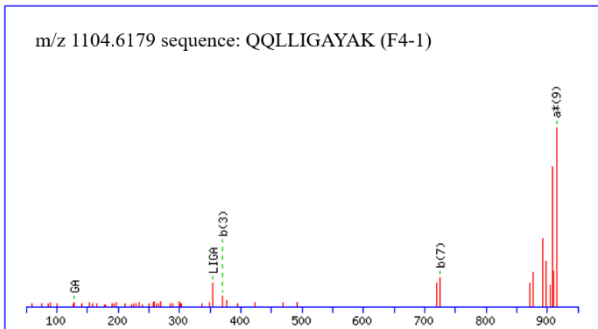
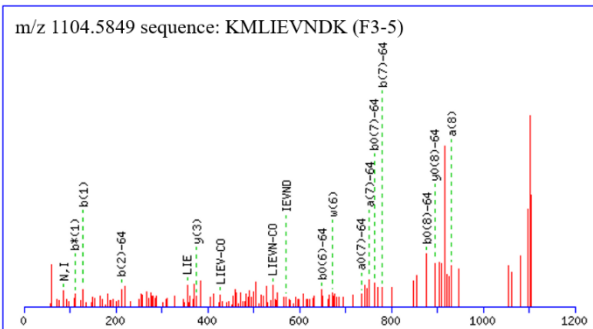
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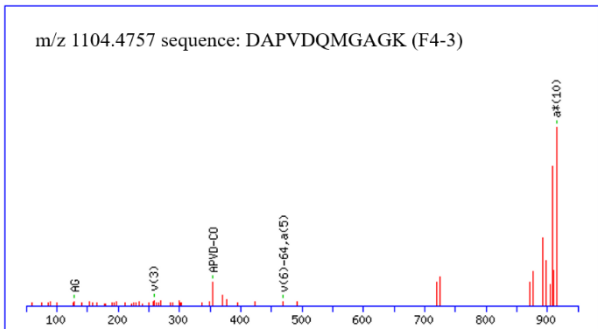
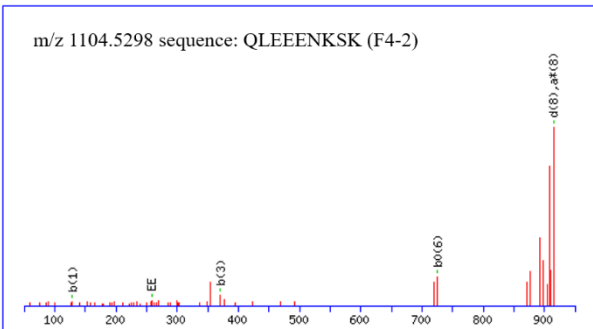
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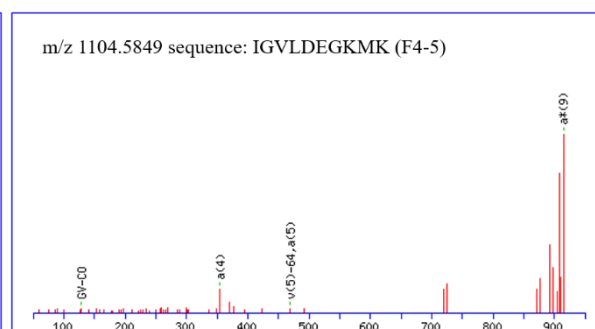
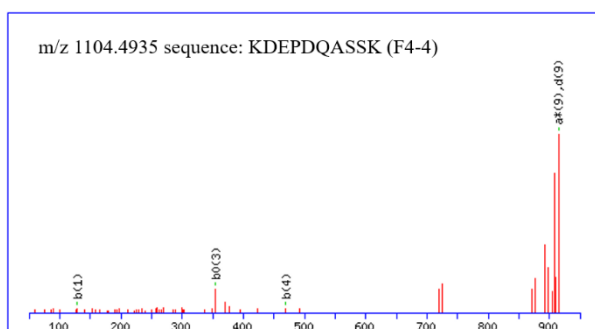


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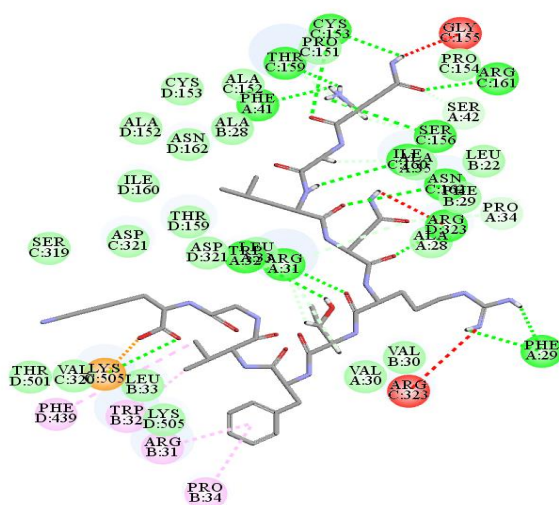
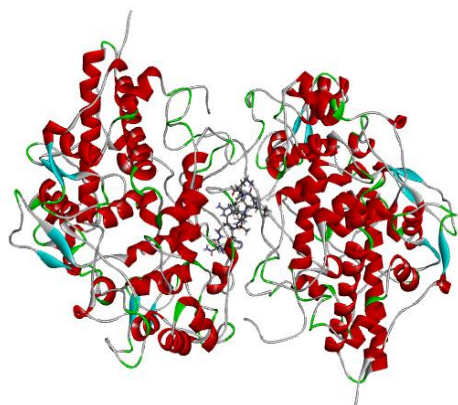


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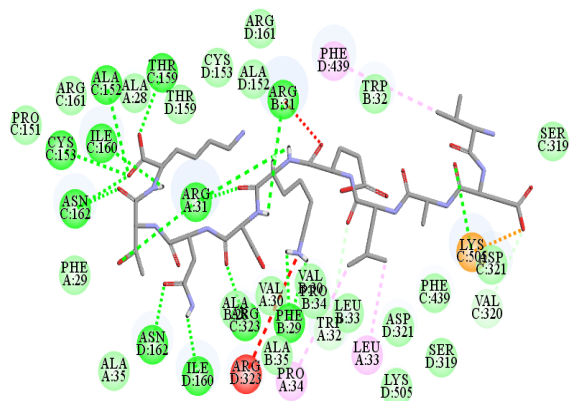
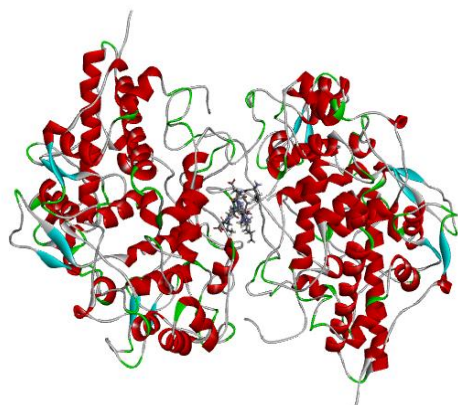
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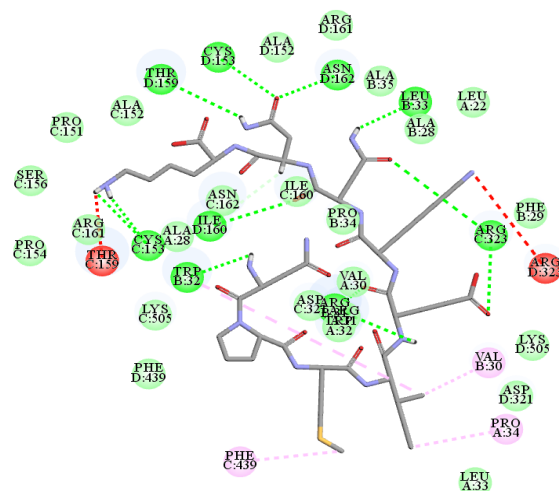
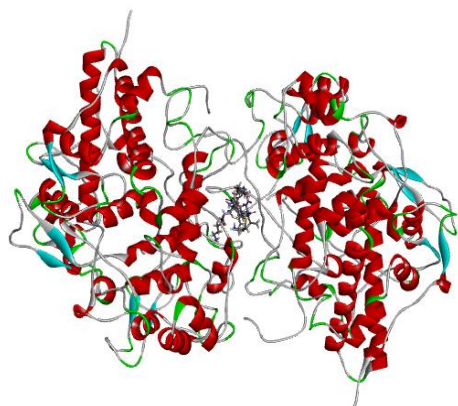
33 NGLNRRTFVGK



34
35 VDALEKSNTK

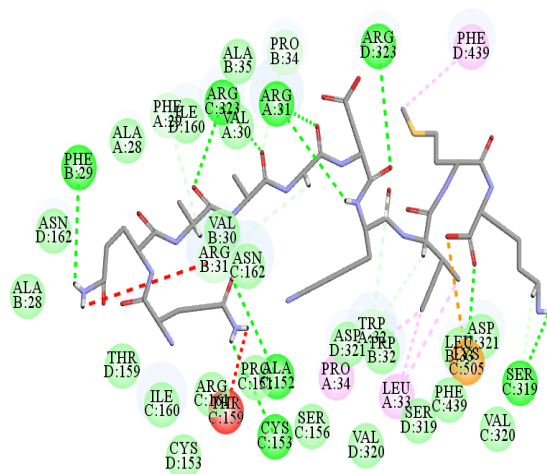
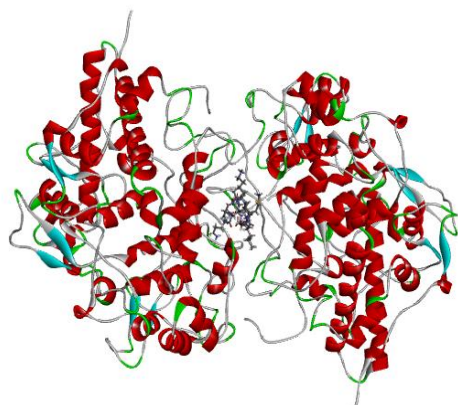


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37 NPMIEKNNK

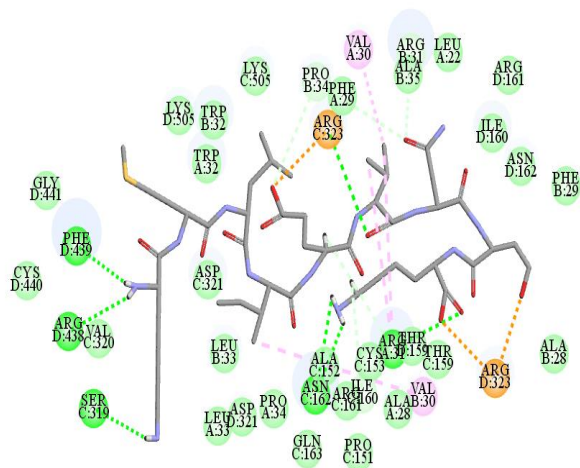
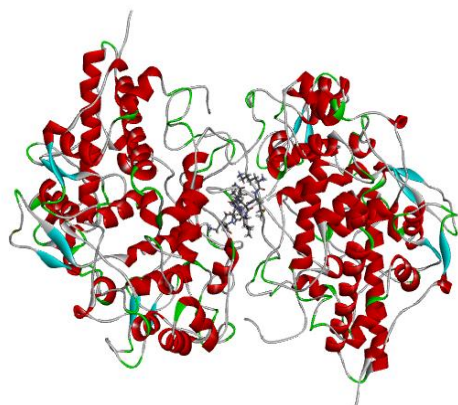


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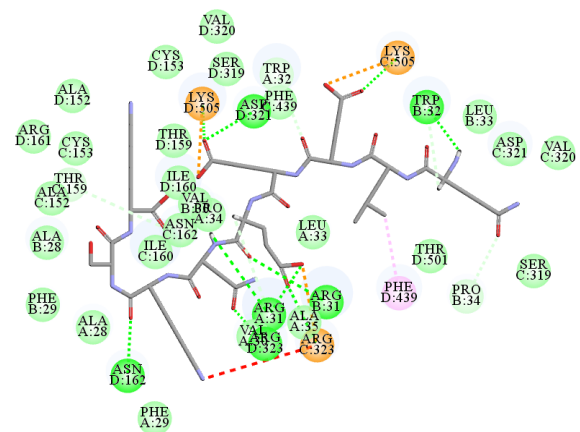
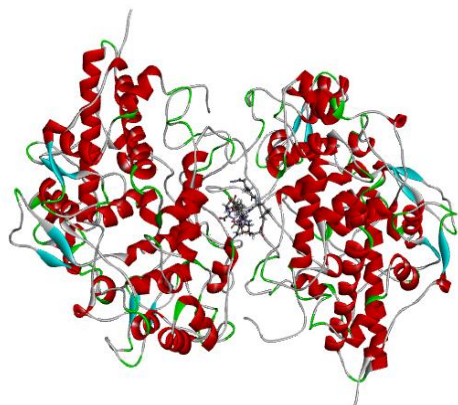
40 QQAAGDKIMK



41
42 KMLIEVNDK

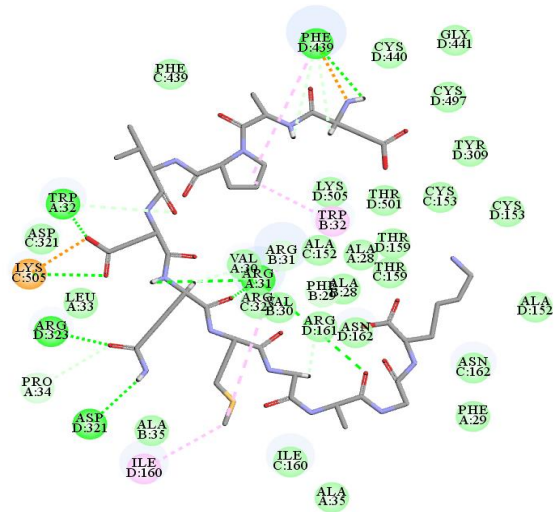
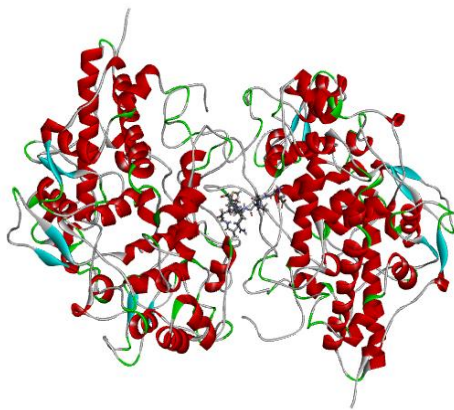


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44 QLEENKSK



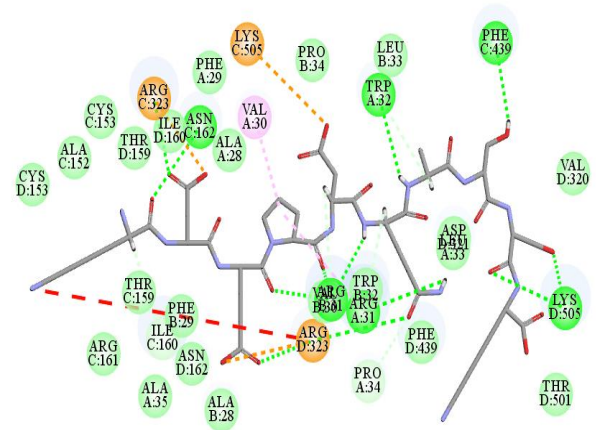
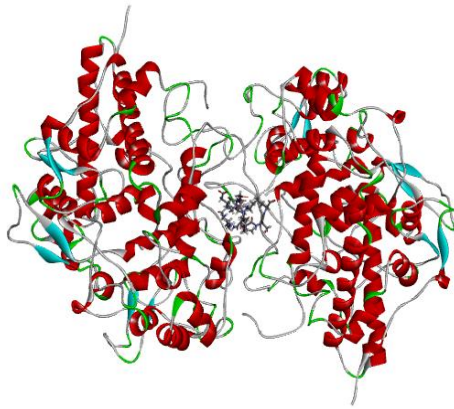
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46 DAPVDQMGAGK



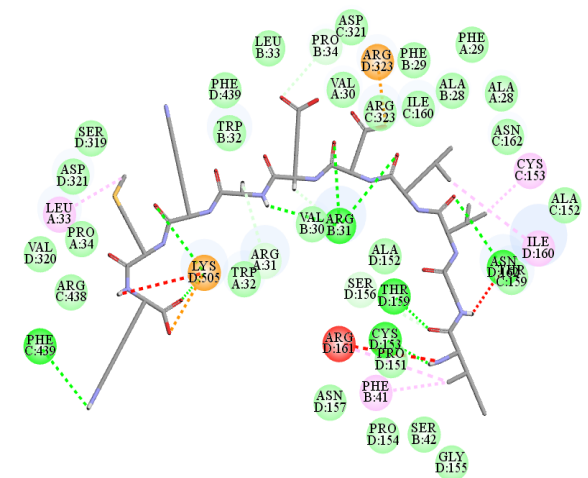
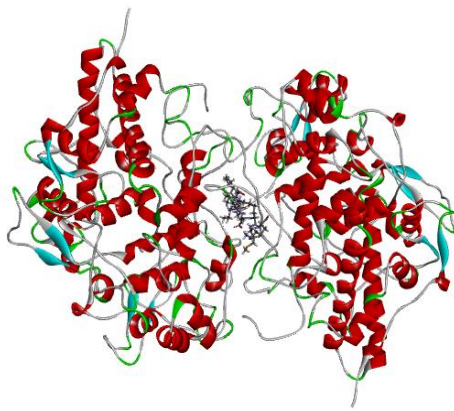
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48 KDEPDQASSK



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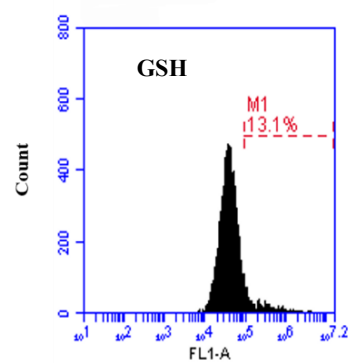
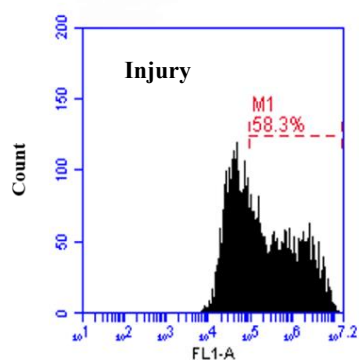
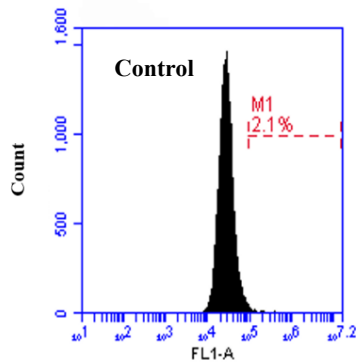
50 IGVLDEGKMK



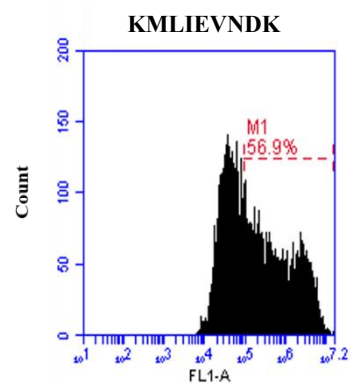
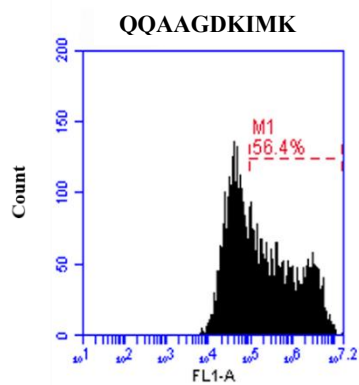
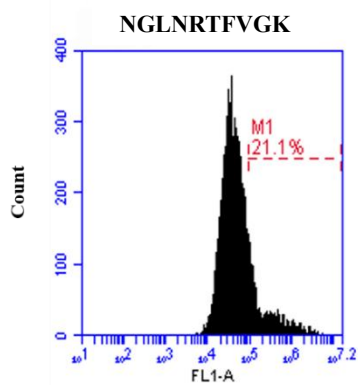
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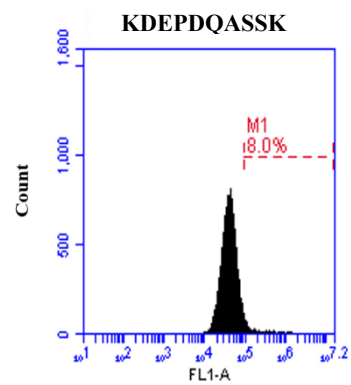
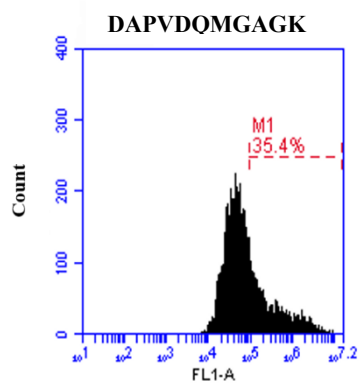
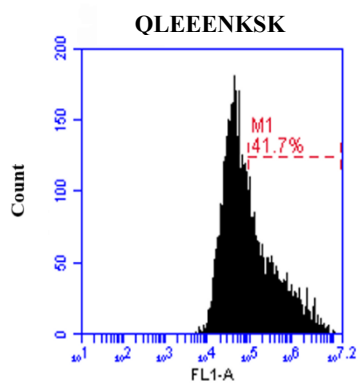
53 **Fig. S3**
54 **300 $\mu\text{g/mL}$**



55



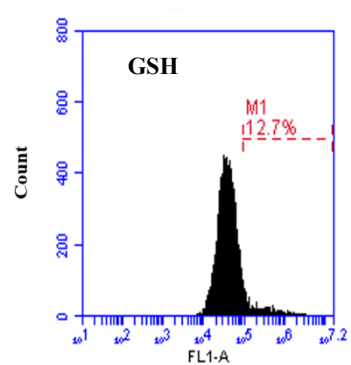
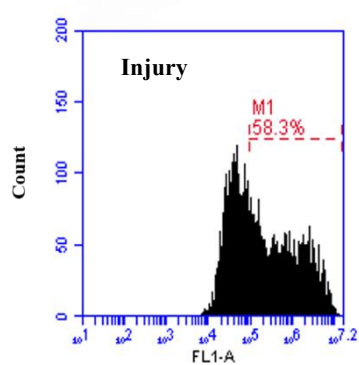
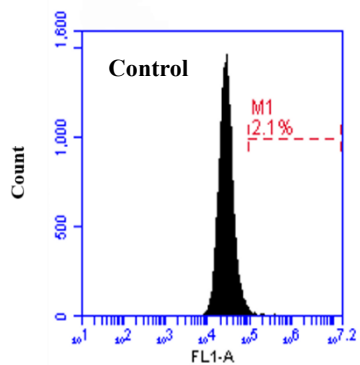
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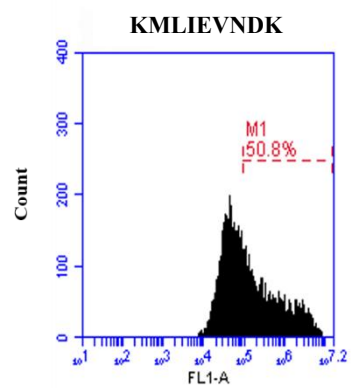
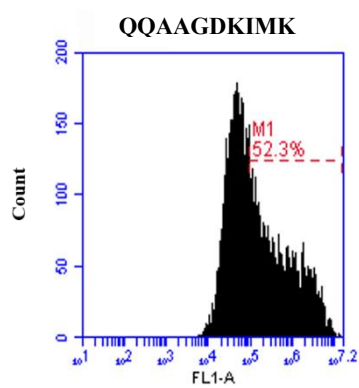
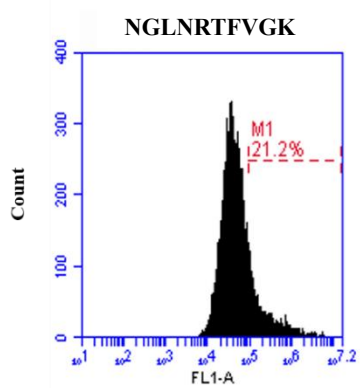
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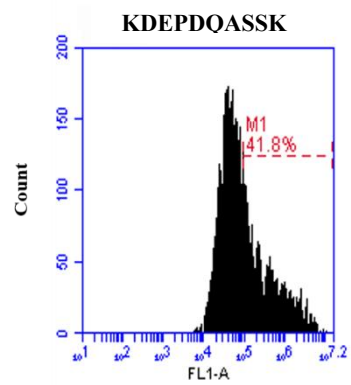
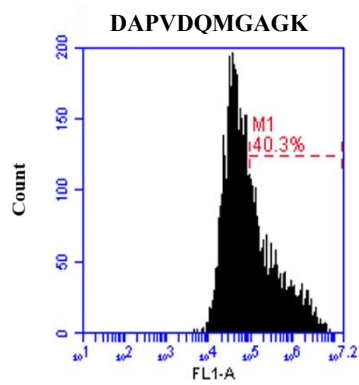
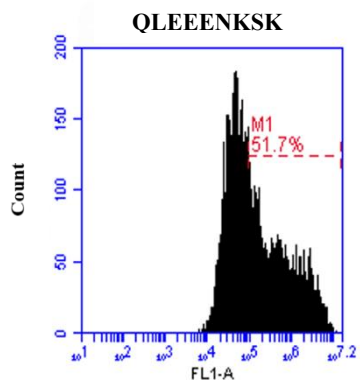
59 600 µg/mL



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