**Table S3.** Anticancer activity prediction

| **Query Peptides** | | | | |  | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**Peptide ID**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Peptide Sequence**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**SVM Score**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Prediction**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Hydrophobicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Hydropathicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Hydrophilicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Charge**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) | [**Mol wt**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=6333) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | [GSIGAASM](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GSIGAASM&thval=0.0) | -0.58 | Non-Anticp | 0.14 | 0.84 | -0.39 | 0.00 | 824.10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | [CPIAIM](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=CPIAIM&thval=0.0) | 1.09 | Anticp | 0.28 | 1.94 | -0.91 | 0.00 | 778.15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | [SAL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=SAL&thval=0.0) | 0.68 | Anticp | 0.13 | 1.20 | -0.50 | 0.00 | 402.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | [GAK](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GAK&thval=0.0) | -0.79 | Non-Anticp | -0.17 | -0.62 | 0.62 | 1.00 | 402.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | [VVR](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=VVR&thval=0.0) | 0.50 | Anticp | -0.17 | 0.98 | 0.00 | 1.00 | 528.70 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | [PGF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=PGF&thval=0.0) | 1.10 | Anticp | 0.17 | 0.20 | -0.62 | 0.00 | 466.58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | [SSL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=SSL&thval=0.0) | 0.80 | Anticp | 0.00 | 0.55 | -0.30 | 0.00 | 418.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | [QITK](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=QITK&thval=0.0) | 0.57 | Anticp | -0.25 | -0.72 | 0.20 | 1.00 | 616.83 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | [PIL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=PIL&thval=0.0) | 0.32 | Anticp | 0.30 | 1.67 | -0.90 | 0.00 | 454.67 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | [GGL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GGL&thval=0.0) | -0.83 | Non-Anticp | 0.21 | 0.75 | -0.45 | 0.00 | 358.50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | [QTAADQAR](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=QTAADQAR&thval=0.0) | 0.91 | Anticp | -0.37 | -1.14 | 0.50 | 0.00 | 1016.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | [GIIR](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GIIR&thval=0.0) | -1.47 | Non-Anticp | -0.03 | 0.82 | -0.12 | 1.00 | 613.83 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 | [AIVF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=AIVF&thval=0.0) | 0.44 | Anticp | 0.43 | 2.66 | -1.26 | 0.00 | 595.80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 | [PVQM](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=PVQM&thval=0.0) | 0.79 | Anticp | 0.01 | 0.20 | -0.52 | 0.00 | 604.85 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | [QIGL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=QIGL&thval=0.0) | 0.83 | Anticp | 0.15 | 0.88 | -0.68 | 0.00 | 542.76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42 | [GITDVF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GITDVF&thval=0.0) | -1.16 | Non-Anticp | 0.16 | 0.99 | -0.46 | -1.00 | 798.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44 | [SGISSAESL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=SGISSAESL&thval=0.0) | 0.78 | Anticp | 0.00 | 0.30 | 0.01 | -1.00 | 963.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 53 | [AVL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=AVL&thval=0.0) | 0.43 | Anticp | 0.33 | 2.45 | -0.95 | 0.00 | 414.60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55 | [VY](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=VY&thval=0.0) | 0.77 | Anticp | 0.19 | 0.97 | -1.27 | 0.00 | 443.53 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60 | [IL](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=IL&thval=0.0) | 0.87 | Anticp | 0.42 | 2.77 | -1.20 | 0.00 | 357.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 67 | [YLG](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=YLG&thval=0.0) | 0.90 | Anticp | 0.18 | 0.53 | -1.02 | 0.00 | 408.51 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 68 | [LPF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=LPF&thval=0.0) | 1.09 | Anticp | 0.27 | 1.25 | -1.07 | 0.00 | 522.69 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 69 | [QIGLF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=QIGLF&thval=0.0) | 0.86 | Anticp | 0.22 | 1.20 | -0.98 | 0.00 | 723.96 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70 | [VSP](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=VSP&thval=0.0) | 1.10 | Anticp | 0.05 | 0.45 | -0.30 | 0.00 | 398.50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 71 | [LWE](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=LWE&thval=0.0) | 0.37 | Anticp | 0.09 | -0.20 | -0.73 | -1.00 | 446.54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| **Query Peptides** | | | | |  | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**Peptide ID**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Peptide Sequence**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**SVM Score**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Prediction**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Hydrophobicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Hydropathicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Hydrophilicity**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Charge**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) | [**Mol wt**](https://webs.iiitd.edu.in/raghava/anticp/multi_submitfreq.php?ran=8258) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| 10 | [GDSIEAQCGTSVN](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=GDSIEAQCGTSVN&thval=0.0) | 0.24 | Anticp | -0.11 | -0.29 | 0.13 | -2.00 | 1394.63 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| 25 | [QPSSVDSQTAM](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=QPSSVDSQTAM&thval=0.0) | 0.62 | Anticp | -0.17 | -0.61 | 0.05 | -1.00 | 1281.58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| 49 | [EVVGSAEAGVDAASVSEEF](https://webs.iiitd.edu.in/raghava/anticp/pepsearch1.php?seq=EVVGSAEAGVDAASVSEEF&thval=0.0) | 0.56 | Anticp | 0.01 | 0.32 | 0.28 | -5.00 | 1853.18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |