

Supplementary table 2: GO Molecular function complete

GO Molecular fuction complete	Nos genes in reference list	Nos genes in present study	<u>Expected value</u>	<u>Fold Enrichment</u>	<u>+/-</u>	<u>P value</u>
<u>endopeptidase inhibitor activity</u>	182	5	.27	18.86	+	2.02E-02
↳ <u>endopeptidase regulator activity</u>	194	5	.28	17.69	+	2.74E-02
↳ <u>peptidase inhibitor activity</u>	189	5	.28	18.16	+	2.42E-02
<u>serine-type endopeptidase activity</u>	187	5	.27	18.36	+	2.30E-02
↳ <u>serine-type peptidase activity</u>	204	5	.30	16.83	+	3.47E-02
↳ <u>serine hydrolase activity</u>	208	5	.30	16.50	+	3.80E-02
<u>signaling receptor binding</u>	1583	13	2.31	5.64	+	3.42E-04
Unclassified	2353	1	3.43	.29	-	0.00E00