

Supplementary

Table S1. Phytochemical screening of *P. hysterophorus* leaf extract

Phytochemicals	Ethanol extract	Methanol extract
Alkaloids	+	+
Carbohydrates	+	+
Glycosides	+	+
Proteins	+	+
Amino acids	+	+
Phenols	+	+
Tannins	-	+
Flavonoids	+	+
Terpenoids	+	+
Saponins	+	-

Table S2. MIC and MBC values ($\mu\text{g/mL}$) of plant extract, PrSNPs and standard drugs against bacterial and fungal strains

Microorganism	MIC			MBC		
	Plant extract	PrSNPs	Standard drug	Plant extract	PrSNPs	Standard drug
<i>Staphylococcus aureus</i>	89	31	20	176	37	32
<i>Bacillus subtilis</i>	94	43	37	198	45	46
<i>Escherichia coli</i>	67	28	25	153	38	39
<i>Pseudomonas aeruginosa</i>	71	37	30	182	48	51
<i>Candida albicans</i>	101	49	38	201	56	64
<i>Aspergillus niger</i>	112	57	29	209	66	58