



Supplementary figure S1. Pathway of type II diabetes mellitus and predicted targets of AMGB, visualized by KEGG mapper. Boxes represent proteins that compose the pathway. The pink-colored boxes represent predicted targets of AMGB. All the details are the same as in Figure 2.

Supplementary Table S1. Enrichment analysis of tissues by the targets of compounds of Phellodendri Cortex, Gardeniae Fructus, Glycine Semen Preparata, and Ephedrae Herba. Only the results with P-values < 0.05 are shown.

Herb	Term	Overlap	P-value (adjusted)	Odd ratio	Combined Score
Phellodendri Cortex	Lymph node	5/37	0.0056	11.15	97.46
	Adrenal cortex	8/106	0.0056	5.87	52.67
	Adipocyte	21/181	1.61E-06	4.89	86.55
	Smooth muscle	29/363	8.14E-06	3.26	50.09
	Liver	40/618	8.43E-06	2.62	39.13
	Adrenal cortex	11/106	2.43E-03	4.25	37.82
Gardeniae Fructus	Fetal liver	12/126	2.43E-03	3.86	33.88
	Hypothalamus	9/97	1.08E-02	3.74	25.06
	Small intestine	16/220	4.24E-03	2.89	23.18
	Bronchial epithelial cells	18/280	7.01E-03	2.53	18.66
	Cardiac myocytes	17/273	1.08E-02	2.44	16.34
	Placenta	11/405	0.0107	4.02	34.38
Glycine Semen Preparata	Liver	13/618	0.0168	3.11	23.01
	CD105+ Endothelial	9/370	0.0296	3.55	22.81
	Hypothalamus	10/97	0.000412	6.33	72.19
Ephedrae Herba	Adipocyte	15/181	0.0000918	5.03	68.36
	Fetal liver	9/126	0.00761	4.22	31.94
	Smooth muscle	17/363	0.00761	2.72	21.33
	Liver	24/618	0.00761	2.26	17.36