

Table S1 Information of drugs corresponding to key genes

Gene	Herb id	Pinyin name	Latin name	English name	Class in English	P value	FDR(BH)	Relationship	
<i>RHOBTB2</i>	SMHB00532	Pianjianghuang	<i>Wenyujin Rhizoma Concisum</i>	None	Blood-activating and stasis-resolving medicinal	0.00712	0.04162	By ingredient	
<i>PLA2G4A</i>	SMHB00146	Guadi	<i>Calycis Melo</i>	Muskmelon base	Emetic medicinal	0.00001	0.00022	By ingredient	
	SMHB00190	Huomaren	<i>Cannabis Fructus</i>	Hemp Seed	Laxatives	0.00099	0.00716	By ingredient	
	SMHB00102	Difuzi	<i>Kochiae Fructus</i>	Fruit of Belvedere	Diuretic dampness excreting drugs	0.0006	0.01131	By ingredient	
	SMHB00485	Zhiqiao	<i>Aurantii Fructus</i>	Fruit of Seville orange	Qi regulating drugs	0.00433	0.01777	By ingredient	
	SMHB00258	Lulutong	<i>Liquidambaris Fructus</i>	Fruit of beautiful sweetgum	Wind-dampness-dispelling and cold-dispersing medicinal	0.00484	0.01876	By ingredient	
	SMHB00181	Huajuhong	<i>Citri Grandis Exocarpium</i>	Pummelo Peel	Qi regulating drugs	0.00156	0.02051	By ingredient	
	SMHB00399	Tianguazi	<i>Melo Semen</i>	Muskmelon seed	Phlegm-resolving medicine	0.00636	0.02133	By ingredient	
	SMHB00323	Qiegeng	<i>Radix Solani Melongee</i>	Root of Garden Eggplant	Wind-dampness-dispelling and heat-clearing medicinal	0.00865	0.02494	By ingredient	
	SMHB00391	Tiandong	<i>Asparagi Radix</i>	Cochinchinese Asparagus Root	Yin-tonifying medicinal	0.00915	0.02563	By ingredient	
	SMHB00008	Baqia	<i>Smilacis Chinae Rhizoma</i>	Smilax Chi	Wind-dampness-dispelling and cold-dispersing medicinal	0.01067	0.02753	By ingredient	
	SMHB00252	Longkui	None	<i>Solanum Nigrum</i> Linn.	Antipyretic detoxicate drugs	0.01118	0.02822	By ingredient	
	SMHB00330	Qingpi	<i>Citri Reticulatae Pericarpium Viride</i>	Green Tangerine Peel	Qi regulating drugs	0.01143	0.02857	By ingredient	
	SMHB00124	Fenbixie	<i>Dioscoreae Hypoglaucae Rhizoma</i>	Dioscoreae Hypoglaucae Rhizoma	Diuretic dampness excreting drugs	0.01168	0.02889	By ingredient	
	SMHB00246	Liangtoujian	<i>Anemones Raddeanae Rhizoma</i>	Radde Anemone Rhizome	Wind-dampness-dispelling and cold-dispersing medicinal	0.01168	0.02889	By ingredient	
	SMHB00373	Shishangbai	None	<i>Selaginella Doederleinii</i> Hieron	Antipyretic detoxicate drugs	0.01219	0.02953	By ingredient	
	SMHB00256	Luhui	<i>Aloe</i>	Aloe	Offensive purgative medicinal	0.00309	0.02991	By ingredient	
	SMHB00456	Yimucao	<i>Leonuri Herba</i>	Motherwort	Blood activating stasis removing drugs	0.01295	0.03065	By ingredient	
	SMHB00043	Bichengqie	<i>Litseeae Fructus</i>	Litseeae Fructus	Warming interior drugs	0.0132	0.03092	By ingredient	
	SMHB00185	Huangjing	<i>Polygonati Rhizoma</i>	Rhizome of Fragrant Solomoneal	Yin-tonifying medicinal	0.0132	0.03092	By ingredient	
	SMHB00282	Mianbixie	<i>Dioscoreae Spongiosae Rhizoma</i>	Dioscoreae Septemlo Bae Rhizoma	Diuretic dampness excreting drugs	0.01446	0.03275	By ingredient	
	SMHB00062	Cheqianzi	<i>Plantaginis Semen</i>	Seed of Asiatic pantain	Diuretic dampness excreting drugs	0.01522	0.03362	By ingredient	
	SMHB00312	Puhuang	<i>Typhae Pollen</i>	Pollen of longbract cattail	Stasis-resolving hemostatic medicinal	0.01522	0.03362	By ingredient	
	SMHB00379	Shuifeiji	<i>Silybi Fructus</i>	Silybum Marianum	Antipyretic detoxicate drugs	0.01522	0.03362	By ingredient	
	SMHB00324	Qinjiao	<i>Gentianae Macrophyllae Radix</i>	Root of Largeleaf Gentian	Wind-dampness-dispelling and heat-clearing medicinal	0.01547	0.03396	By ingredient	
	SMHB00375	Shijunzi	<i>Quisqualis Fructus</i>	Fruit of Rangooncreeper	Antiparasitic drugs	0.01547	0.03396	By ingredient	
	SMHB00486	Zhishi	<i>Aurantii Fructus Immaturus</i>	Immature fruit of Seville orange	Qi regulating drugs	0.01547	0.03396	By ingredient	
	SMHB00279	Meihua	<i>Mume Flos</i>	Plum Flower	Qi regulating drugs	0.00512	0.03649	By ingredient	
	SMHB00030	Baiziren	<i>Platycladi Semen</i>	Seed of Chinese Arborvitae	Tranquilizing medicinal	0.01773	0.03658	By ingredient	
	SMHB00177	Huzhang	<i>Polygoni Cuspidati Rhizoma Et Radix</i>	Rhizome of Gaint Knotweed	Diuretic dampness excreting drugs	0.01799	0.0369	By ingredient	
	SMHB00189	Huangyaozi	<i>Rhizoma Dioscoreae Bulbiferae</i>	Rhizome of Airpotato Yam	Phlegm-resolving Medicine	0.01849	0.03749	By ingredient	
	SMHB00405	Tufuling	<i>Smilacis Glabrae Rhizoma</i>	Glabrous Greenbrier Rhizome	Antipyretic detoxicate drugs	0.01874	0.03782	By ingredient	
	SMHB00268	Machixian	<i>Portulacae Herba</i>	All-grass of Purslane	Antipyretic detoxicate drugs	0.01949	0.03859	By ingredient	
	SMHB00482	Zhimu	<i>Anemarrhenae Rhizoma</i>	Rhizome of Common Amarrhe	Fire purging drugs	0.02	0.03926	By ingredient	
	SMHB00645	Huangshanyao	<i>Dioscorea Panthaicae Rhizoma</i>	None	Qi regulating drugs	0.00643	0.03994	By ingredient	
	SMHB00064	Chenpi	<i>Citri Reticulatae Pericarpium</i>	Dried Tangerine Peel	Qi regulating drugs	0.021	0.0405	By ingredient	
	SMHB00232	Kunbu	<i>Laminariae Thallus Eckloniae Thallus</i>	Kelp or Tangle	Phlegm-resolving Medicine	0.02175	0.04129	By ingredient	
	SMHB00498	Ziwan	<i>Asteris Radix Et Rhizoma</i>	Root of tatarian aster	Antitussive anti-asthmatics	0.02301	0.04287	By ingredient	
	SMHB00272	Maiya	<i>Hordei Fructus Germinatus</i>	Germited Barley	Digestants	0.02401	0.04403	By ingredient	
	SMHB00298	nshetengguo	None	<i>Celastris Orbiculati Fructus</i>	Tranquilizing medicinal	0.02601	0.04636	By ingredient	
	SMHB00557	Dilong	<i>Pheretima</i>	None	Liver-pacifying wind-extinguishing medicinal	0.01017	0.04756	By ingredient	
	SMHB00174	Huluba	<i>Trigonellae Semen</i>	Trigonellae Semen	Yang reinforcing drugs	0.0285	0.04928	By ingredient	
	<i>IL2RA</i>	SMHB00123	Fangji	<i>Stephaniae Tetrandrae Radix</i>	Root of Fourstamen Stephania	Wind-dampness-dispelling and heat-clearing medicinal	0.00001	0.00071	By ingredient
		SMHB00101	Difengpi	<i>Illicii Cortex</i>	Difengpi Bark	Wind-dampness-dispelling and cold-dispersing medicinal	0.00002	0.00081	By ingredient
		SMHB00011	Baiguo	<i>Ginkgo Semen</i>	Ginkgo seed	Antitussive anti-asthmatics	0.00003	0.00148	By ingredient
		SMHB00368	Shidagonglaogen	None	<i>Mahoniae Eadix</i>	Antipyretic detoxicate drugs	0.00014	0.00409	By ingredient
		SMHB00096	Dangshen	<i>Codonopsis Radix</i>	Root Pilose Asiabell	Qi reinforcing drugs	0.00028	0.00667	By ingredient
		SMHB00683	Fengla	<i>Cera Flava</i>	None	Medicinal for detoxification, parasiticide, drying dampness and relieving itching	0.00046	0.00944	By ingredient
SMHB00353		Shaji	<i>Hippophae Fructus</i>	Fruit of seabuckthorn	Phlegm-resolving medicine	0.00146	0.00947	By ingredient	
SMHB00026		Baiyaozi	None	<i>Radix Stephaniae Cepharanthae</i>	Antipyretic detoxicate drugs	0.00102	0.01578	By ingredient	
SMHB00140		Gonglaomu	<i>Mahoniae Caulis</i>	Stem of Leatherleaf Mahonia	Antipyretic detoxicate drugs	0.00102	0.01578	By ingredient	
SMHB00186		Huanglian	<i>Coptidis Rhizoma</i>	Rhizome of Chinese Goldthread	Heat-clearing and dampness-drying medicinal	0.00103	0.01598	By ingredient	
SMHB00020		Baiqucai	<i>Chelidonii Herba</i>	Chelidonii Herba	Antitussive anti-asthmatics	0.00105	0.01617	By ingredient	
SMHB00289		Muhudie	<i>Oroxylis Semen</i>	Indian Trumpetflower Seed	Antipyretic detoxicate drugs	0.00144	0.01956	By ingredient	
SMHB00477		Zhaojiaoci	<i>Gleditsiae Spina</i>	Spine of Chinese Honeylocust	Phlegm-resolving medicine	0.00591	0.02052	By ingredient	
SMHB00369		Shidagonglaoye	<i>Folium Mahoe</i>	Leaf of leatherleaf Mahonia	Antipyretic detoxicate drugs	0.00163	0.02111	By ingredient	
SMHB00252		Longkui	None	<i>Solanum Nigrum</i> Linn.	Antipyretic detoxicate drugs	0.00895	0.02532	By ingredient	
SMHB00031		Baijiangcao	<i>Herba Patriniae</i>	All-grass of Dahurian Patrinia	Antipyretic detoxicate drugs	0.0128	0.03041	By ingredient	
SMHB00229		Kulianzi	None	<i>Meliae Azedarach Fructus</i>	Antiparasitic drugs	0.01401	0.03219	By ingredient	
SMHB00397		Tianxianzi	<i>Hyoscyami Semen</i>	Henbane Seed	Antitussive anti-asthmatics	0.01421	0.03241	By ingredient	
SMHB00038		Beidougen	<i>Menispermi Rhizoma</i>	Chinese Cinquefoil	Antipyretic detoxicate drugs	0.01462	0.0329	By ingredient	
SMHB00285		Mujingye	<i>Vitidis Negundo Folium</i>	Hemleaf Negundo Chastetree Leaf	Pungent cool diaphoretics	0.01724	0.03603	By ingredient	
SMHB00503		Sankezhen	<i>Berberidis Radix</i>	None	Heat-clearing and dampness-drying medicinal	0.00506	0.03629	By ingredient	
SMHB00467		Yumixu	<i>Stigma Maydis</i>	Corn stigma	Diuretic dampness excreting drugs	0.01965	0.0388	By ingredient	
SMHB00531		Maohezi	<i>Terminaliae Belliricae Fructus</i>	None	Antipyretic detoxicate drugs	0.00735	0.04216	By ingredient	
SMHB00307		Oujie	<i>Nelumbinis Rhizomatis Nodus</i>	Node of lotus rhizome	Astringent hemostatic medicinal	0.0078	0.04349	By ingredient	
SMHB00082		Congbai	<i>Bulbus Allii Fistulosi</i>	Allium bulb, Wild scallion, Chinese green onion	Pungent-warm exterior-releasing medicinal	0.02487	0.04498	By ingredient	
SMHB00118		Ebushicao	<i>Centipedeae Herba</i>	Small Centipeda Herb	Pungent-warm exterior-releasing medicinal	0.02607	0.04638	By ingredient	
SMHB00626		Chonglou	<i>Paridis Rhizoma</i>	None	Heat-clearing medicinal	0.01055	0.04854	By ingredient	
SMHB00171		Houpo	<i>Magnoliae Officinalis Cortex</i>	Bark of Officil magnolia	Dampness removing drugs	0.02847	0.04926	By ingredient	
SMHB00278		Meiguihua	<i>Rosae Rugosae Flos</i>	Rose Flower	Qi regulating drugs	0.02847	0.04926	By ingredient	
<i>CSRP1</i>		SMHB00222	Juye	<i>Folium Citri Tangerie</i>	Tangerine leaf	Qi regulating drugs	0.00276	0.01411	By ingredient
		SMHB00593	Guijia	<i>Testudinis Carapax Et Plastrum</i>	None	Tonifying and replenishing medicinal	0.00184	0.02252	By ingredient
		SMHB00701	Biejia	<i>Trionycis Carapax</i>	None	Tonifying and replenishing medicinal	0.00245	0.02621	By ingredient
		SMHB00235	Laoguancao	<i>Erodii Herba Geranii Herba</i>	All-grass of Common Heron's bill	Wind-dampness-dispelling and cold-dispersing medicinal	0.00811	0.04374	By ingredient
<i>OLFML2A</i>		SMHB00681	Fengfang	<i>Vespae Nidus</i>	None	Toxin-attacking and worm-expelling and itch-relieving medicinal	0.00238	0.02574	By ingredient
		SMHB00605	Mingdangshen	<i>Changii Radix</i>	None	Qi reinforcing drugs	0.00452	0.03483	By ingredient
	SMHB00039	Beiliujinu	<i>Siphonostegiae Herba</i>	Siphonostegiae Herba	Blood activating stasis removing drugs	0.00468	0.03523	By ingredient	
	SMHB00458	Yiyiren	<i>Coicis Semen</i>	Seed of Jobstears	Diuretic dampness excreting drugs	0.0085	0.04454	By ingredient	
	SMHB00157	Haijinsha	<i>Lygodii Spora</i>	Spore of Japanese climbing Fern	Diuretic dampness excreting drugs	0.00873	0.04485	By ingredient	

BH, Benjamini and Hochberg; CSRP1, cysteine and glycine-rich protein 1; FDR, false discovery rate; IL2RA, interleukin-2 receptor- α ; OLFML2A, olfactomedin-like 2A; PLA2G4A, phospholipase A2; RHOBTB2, Rho-related BTB domain containing 2.