

Table S5 Detail information of studies included in the efficacy analysis.

Trial number	Ethnicity	Type of disease	Diagnostic time	Dosing time	Frequency of taking medicine	Dose	Measures of efficacy	Treatment		Control	
								events	total	events	total
NCT00678210	Mix	Plaque psoriasis	≥6 months	12w	BID	5 mg	PASI 75	20	49	1	50
NCT00678210	Mix	Plaque psoriasis	≥6 months	12w	BID	5 mg	PASI 90	9	49	0	50
NCT00678210	Mix	Plaque psoriasis	≥6 months	12w	BID	5 mg	PGA	20	49	5	50
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PASI 75	130	329	6	107
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PASI 75	210	330	6	107
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PASI 90	69	329	1	107
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PASI 90	119	330	1	107
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PGA	155	329	16	107
NCT01241591	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PGA	225	330	16	107
NCT01276639	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PASI 75	129	363	9	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PASI 75	199	360	9	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PGA	137	363	15	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PGA	204	360	15	177
NCT01309737	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PASI 75	145	376	16	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PASI 75	200	374	16	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	12w	BID	5 mg	PGA	156	376	19	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	12w	BID	10 mg	PGA	207	374	19	193
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 75	145	363	11	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 75	213	360	11	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 90	72	363	1	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 90	142	360	1	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PGA	152	363	16	177
NCT01276639	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PGA	213	360	16	177
NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 75	173	376	22	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 75	223	374	22	193

NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 90	92	376	10	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 90	145	374	10	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	5 mg	PGA	173	376	21	193
NCT01309737	Mix	Plaque psoriasis	≥12 months	16w	BID	10 mg	PGA	221	374	21	193
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	5 mg	PGA	46	88	17	88
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	10 mg	PGA	68	90	17	88
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 75	48	88	11	88
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 75	73	90	11	88
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	5 mg	PASI 90	31	88	3	88
NCT01815424	Asian	Plaque psoriasis	≥12 months	16w	BID	10 mg	PASI 90	54	90	3	88
NCT01882439	Asian	Psoriatic arthritis	≥6 months	12w	BID	5 mg	PASI 75	17	80	12	86
NCT01882439	Asian	Psoriatic arthritis	≥6 months	12w	BID	10 mg	PASI 75	35	81	12	86
NCT01877668	Mix	Psoriatic arthritis	≥6 months	12w	BID	5 mg	PASI 75	35	82	12	82
NCT01877668	Mix	Psoriatic arthritis	≥6 months	12w	BID	10 mg	PASI 75	31	70	12	82