

Figure S1: Comparison of the identified epidermal type I keratin nucleotide sequence of mild psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT14	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G G G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
Mild Psoriatic KRT14	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G G G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
KRT14	101	T C C T G G C C G G A G G G T C C T G C C G C G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C A T C C T C C C G C T T C T C C T C T G G G G G A G C C T A C G G G C T G G G G G G	200
Mild Psoriatic KRT14	101	T C C T G G C C G G A G G G T C C T G C C G C G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C A T C C T C C C G C T T C T C C T C T G G G G G A G C C T A C G G G C T G G G G G G	200
KRT14	201	C G G C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T T G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T G G G T G G T G G C T T T	300
Mild Psoriatic KRT14	201	C G G C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T T G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T G G G T G G T G G C T T T	300
KRT14	301	G G T G G T G G C T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C A A G G T G C	400
Mild Psoriatic KRT14	301	G G T G G T G G C T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A A C G C C T G G C C T C C T A C C T G G A C A A G G T G C	400
KRT14	401	G T G C T C T G G A G G A G G C C A A C G C C G A C C T G G A A G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G C G G C C T G C T G A G A T C A A A G A C T A C A G T C C C T A C T T C A A	500
Mild Psoriatic KRT14	401	G T G C T C T G G A G G A C G C C A A C G C C G A C C T G G A A G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G C G G C T T G C T G A G A T C A T A G A C T A C A G T C C C T A C T T C A A	500
KRT14	501	G A C C A T T G A G G A C C T G A G G A A C A A G A T T C T C A C A G C C A C A G T G G A C A A T G C C A A T G T C C T T T C T G C A G A T T G A C A A T G C C C G T C T G G C C G C G G A T G A C T T C	600
Mild Psoriatic KRT14	501	G A C C A T T G A G G A C C T G A G G A A C A A G A T T C T C A C A G C C A C A G T G G A C A A T G C C A A T G T C C T T T C T G C A G A T T G A C A A T G C C C G T C T G G C C G C G G A T G A C T T C	600
KRT14	601	C G C A C C A A G T A T G A G A C A G A G T T G A A C C T G C G C A T G A G T G T G G A A G C C G A C A T C A A T G G C C T G C G C A G G G T G C T G G A C G A A C T G A C C C T G G C C A G A G C T G	700
Mild Psoriatic KRT14	601	C G C A C C A A G T A T G A G A C A G A G T T G A A C C T G C G C A T G A G T G T G G A A G C C G A C A T C A A T G T C C T G C G C A G G G T G C T G G A C G A A C T G A C C C T G G C C A G A G C T G	700
KRT14	701	A C C T G G A G A T G C A G A T T G A G A G C C T G A A G G A G G A G C T G G C C T A C C T G A A G A A G A A C C A C G A G G A G G A G A T G A A T G C C C T G A G A G G C C A G G T G G G T G G A G A	800
Mild Psoriatic KRT14	701	A C C T G G A G A T G C A G A T T G A G A G C C T G A A G G A G G A G C T G G C C T A C C T G A A G A A G A A C C A C G A G G A G G A G A T G A A T G C C C T G A G A G G C C A G G T G G G T G G A G A	800
KRT14	801	T G T C A A T G T G G A G A T G G A C G C T G C A C C T G G C G T G G A C C T G A G C C G C A T T C T G A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A C C C A A G	900
Mild Psoriatic KRT14	801	T G T C A A T G T G G A G A T G G A C G C T G C A C C T G G C G T G G A C C T G A G C C G C A T T C T G A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A C C C A A G	900
KRT14	901	G A T G C C G A G G A A T G G T T C T T C A C C A A G A C A G A G G A G C T G A A C C G C G A G G T G G C C A C C A A C A G C G A G C T G G T G C A G A G C G G C A A G A G C G A G A T C T C G G A G C	1000
Mild Psoriatic KRT14	901	G A T G C C G A G G A A T G G T T C T T C A C C A A G A C A G A G G A G C T G A A C C C C G A G G T G G C C A C C A A C A G C G A G C T G G T G C A G A G C G G C A A G A G C G A G A T C T C G G A G C	1000
KRT14	1001	T C C G G C G C A C C A T G C A G A A C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G T C G C T A C T G	1100
Mild Psoriatic KRT14	1001	T C C G G C G C A C C A T G C A G A A C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G T C G C T A C T G	1100
KRT14	1101	C A T G C A G C T G G C C C A G A T C C A G G A G A T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T C C G C T G C G A G A T G G A G C A G C A G A A C C A G G A G T A C A A G A T C	1200
Mild Psoriatic KRT14	1101	C A T G C A G C T G G C C C A G A T C C A G G A G A T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T C C G C T G C G A G A T G G A G C A G C A G A A C C A G G A G T A C A A G A T C	1200
KRT14	1201	C T G C T G G A C G T G A A G A C G C G G C T G G A G C A G G A G A T C G C C A C C T A C C G C C G C C T G C T G G A G G G C G A G G A C G C C C A C C T C T C C T C C T C C C A G T T C T C C T C T G	1300
Mild Psoriatic KRT14	1201	C T G C T G G A C G T G A A G A C G C G G C T G G A G C A G G A G A T C A C C A C C T A C T G C C G C C T G C T G G A G G G C G A G G A C G C C C A C C T C T C C T C C T C C C A G T T C T C C T C T G	1300
KRT14	1301	G A T C G C A G T C A T C C A G A G A T G T G A C C T C C T C C A G C C G C C A A A T C C G C A C C A A G G T C A T G G A T G T G C A C G A T G G C A A G G T G G T G T C C A C C C A C G A G C A G G T	1400
Mild Psoriatic KRT14	1301	G A T C G C A G T C A T C C A G A G A T G T G A C C T C C T C C A G C C G C C A A A T C C G C A C C A A G G T C A T G G A T G T G C A C G A T G G C A A G G T G G T G T C C A C C C A C G A G C A G G T	1400
KRT14	1401	C C T T C G C A C C A A G A A C T G A	1419
Mild Psoriatic KRT14	1401	C C T T C G C A C C A A G A A C T G A	1419

Figure S1: Comparison of the identified epidermal type I keratin nucleotide sequence of mild psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT10	1	A T G T C T G T T C G A T A C A G C T C A A G C A A G C A C T A C T C T T C C T C C C G C A G T G G A G G A G G A G G A G G A G G A G G A T G T G G A G G A G G A G G A G G A G G A T G T G G A G G A G G A G G A G G A G T G T C A T C C C	100
Mild Psoriatic KRT10	1	A T G T C T G T T C G A T A C A G C T C A A G C A A G C A C T A C T C T T C C T C C C G C A G T G G A G G A G G A G G A G G A G G A G G A T G T G G A G G A G G A G G A G G A G T G T C A T C C C	100
KRT10	101	T A A G A A T T T C T A G C A G C A A A G G C T C C C T T G G T G G A G G A T T T A G C T C A G G G G G T T C A G T G G T G G C T C T T T T A G C C G T G G G A G C T C T G G T G G G G G C T G C T T	200
Mild Psoriatic KRT10	101	T A A G A A T T T C T A G C A G C A A A G G C T C C C T T G G T G G A G G A T T T A G C T C A G G G G G T T C A G T G G T G G C T C T T T T A G C C G T G G G A G C T C T G G T G G G G G C T G C T T	200
KRT10	201	T G G G G G C T C A T C A G G T G G C T A T G G A G G A T T A G G A G G T T T T G G T G G A G G T A G C T T T C G T G G A A G C T A T G G A A G T A G C A G C T T T G G T G G G A G T T A T G G A G G C	300
Mild Psoriatic KRT10	201	T G G G G G C T C A T C A G G T G G C T A T G G A G G A T T A G G A G G T T T T G G T G G A G G T A G C T T T C G T G G A A G C T A T G G A A G T A G C A G C T T T G G T G G G A G T T A T G G A G G C	300
KRT10	301	A G C T T T G G A G G G G G C A G T T T C G G A G G T G G C A G C T T T G G T G G G G G C A G C T T T G G T G G A G G C G G C T T T G G T G G A G G C G G C T T T G G A G G A G G C T T T G G T G G T G	400
Mild Psoriatic KRT10	301	A G C T T T G G A G G G G G C A G T T T C G G A G G T G G C A G C T T T G G T G G G G G C A G C T T T G G T G G A G G C G G C T T T G G T G G A G G C G G C T T T G G A G G A G G C T T T G G T G G T G	400
KRT10	401	G A T T T G G A G G A G A T G G T G G C C T T C T C T C T G G A A A T G A A A A A G T A A C C A T G C A G A A T C T G A A T G A C C G C C T G G C T T C C T A C T T G G A C A A A G T T C G G G C T C T	500
Mild Psoriatic KRT10	401	G A T T T G G A G G A G A A G G T G G C C T T C T C T T T G G A A A T G A A A A A G T A A C C A T G C A G A A T C T G A A T G A C C G C C T G G C T T C C T A C T T G G A C A A A G T T C G G G C T C T	500
KRT10	501	G G A A G A A T C A A A C T A T G A G C T G G A A G G C A A A A T C A A G G A G T G G T A T G A A A A G C A T G G C A A C T C A C A T C A G G G G G A G C C T C G T G A C T A C A G C A A A T A C T A C	600
Mild Psoriatic KRT10	501	G C A A G A A T C A A A C T A T G A G C T G G A A G G C A A A A T C A A G G A G T G G T A T G A A A A G C A T G G C A A C T C A C A T C A G G G G G A G C C T C G T G A C T A C A G C A A A T A C T A C	600
KRT10	601	A A A A C C A T C G A T G A C C T T A A A A A T C A G A T T C T C A A C C T A A C A A C T G A T A A T G C C A A C A T C C T G C T T C A G A T C G A C A A T G C C A G G C T G G C A G C T G A T G A C T	700
Mild Psoriatic KRT10	601	A A A A C C A T C G A T G A C C T T A A A A A T C A G A T T C T C A A C C T A A C A A C T G A T A A T G C C A A C A T C C T G C T T C A G A T C G A C A A T T C C A G G C T G G C A G C T G A T G A C T	700
KRT10	701	T C A G G C T G A A G T A T G A G A A T G A G G T A G C T C T G C G C C A G A G C G T G G A G G C T G A C A T C A A C G G C C T G C G T A G G G T G C T G G A T G A G C T G A C C C T G A C C A A G G C	800
Mild Psoriatic KRT10	701	T C A G G C T G A A G T A T C A G A A T G A G G T A G C T G T G C G C C A G A G C G T G G A G G C T G A C A T C A A C G G C C T G C G T A T G G T G C T G G A T G A G C T G A C C C T G A C C A A G G C	800
KRT10	801	T G A C C T G G A G A T G C A A A T T G A G A G C C T G A C T G A A G A G C T G G C C T A T C T G A A G A A G A A C C A C G A G G A G G A A A T G A A A G A C C T T C G A A A T G T G T C C A C T G G T	900
Mild Psoriatic KRT10	801	T G A C C T G G A G A T G C A A A T T G A G A G C C T G A C T G A A G A G C T G G C C T A T C T G A A G A A G A A C C A C G A G G A G G A A A T G A A A G A C C T T C G A A A T G T G T C C A C T G G T	900
KRT10	901	G A T G T G A A T G T G G A A A T G A A T G C T G C C C C G G G T G T T G A T C T G A C T C A A C T T C T G A A T A A C A T G A G A A G C C A A T A T G A A C A A C T T G C T G A A C A A A A C C G C A	1000
Mild Psoriatic KRT10	901	G A T G T G A A T G T G G A A A T G A A T G C T G C C C C G G G T G T T G A T C T G A C T C A A C T T C T G A A T A A C A T G A G A A G C C A A T A T G A A C A A C T T G C T G A A C A A A A C C G C A	1000
KRT10	1001	A A G A T G C T G A A G C C T G G T T C A A T G A A A A G A G C A A G G A A C T G A C T A C A G A A A T T G A T A A T A A C A T T G A A C A G A T A T C C A G C T A T A A A T C T G A G A T T A C T G A	1100
Mild Psoriatic KRT10	1001	A A G A T G C T G A A G C C T G G T T C A A T G A A A A G A G C A A G G A A C T G A C T A C A G A A A T T G A T A A T A A C A T T G A A C A G A T A T C C A G C T A T A A A T C T G A G A T T A C T G A	1100
KRT10	1101	A T T G A G A C G T A A T G T A C A A G C T C T G G A G A T A G A A C T A C A G T C C C A A C T G G C C T T G A A A C A A T C C C T G G A A G C C T C C T T G G C A G A A A C A G A A G G T C G C T A C	1200
Mild Psoriatic KRT10	1101	A T T G A G A C G T A A T G T A C A A G C T C T G G A G A T A G A A C T A C A G T C C C A A C T G G C C T T G A A A C A A T C C C T G G A A G C C T C C T T G G C A G A A A C A G A A G G T C G C T A C	1200
KRT10	1201	T G T G T G C A G C T C T C A C A G A T T C A G G C C C A G A T A T C C G C T C T G G A A G A A C A G T T G C A A C A G A T T C G A G C T G A A A C C G A G T G C C A G A A T A C T G A A T A C C A A C	1300
Mild Psoriatic KRT10	1201	T G T G T G C A G C T C T C A C A G A T T C A G G C C C A G A T A T C C G C T C T G G A A G A A C A G T T G C A A C A G A T T C G A G C T G A A A C C G A G T G C C A G A A T A C T G A A T A C C A A C	1300
KRT10	1301	A A C T C C T G G A T A T T A A G A T C C G A C T G G A G A A T G A A A T T C A A A C C T A C C G C A G C C T G C T A G A A G G A G A G G G A A G T T C C G G A G G C G G C G G A C G C G G C G G C G G	1400
Mild Psoriatic KRT10	1301	A A C T C C T G G A T A T T A A G A T C C G A C T G G A G A A T G A A A T T C A A A C C T A C C G C A G C C T G C T A G A A G G A G A G G G A A G T T C C G G A G G C G G C G G A C G C G G C G G C G G	1400
KRT10	1401	A A G T T T C G G C G G C G G C T A C G G C G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C C A C G G C G G C G G C C A C G G C G G C A G T T C C G G C G G C G G C T A C G G A	1500
Mild Psoriatic KRT10	1401	A A G T T T C G G C G G C G G C T A C G G C G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C C A C G G C G G C G G C C A C G G C G G C A G T T C C G G C G G C G G C T A C G G A	1500
KRT10	1501	G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C T A C G G G G G C G G A A G C T C C A G C G G C G G C C A C G G C G G C A G T T C C A G C G G C G G C T A C G G T G G T G G C A	1600
Mild Psoriatic KRT10	1501	G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C T A C G G G G G C G G A A G C T C C A G C G G C G G C C A C G G C G G C A G T T C C A G C G G C G G C T A C G G T G G T G G C A	1600
KRT10	1601	G T T C C G G C G G C G G C G G C G G C T A C G G G G G C G G C A G C T C C G G C G G C G G C A G C A G C T C C G G C G G C G G A T A C G G C G G C G G C A G C T C C A G C G G A G G C C A C A A	1700
Mild Psoriatic KRT10	1601	G T T C C G G C G G C G G C G G C G G C T A C G G G G G C G G C A G C T C C G G C G G C G G C A G C A G C T C C G G C G G C G G A T A C G G C G G C G G C A G C T C C A G C G G A G G C C A C A A	1700
KRT10	1701	G T C C T C C T C T T C C G G G T C C G T G G G C G A G T C T T C A T C T A A G G G A C C A A G A T A C T A A	1755
Mild Psoriatic KRT10	1701	G T C C T C C T C T T C C G G G T C C G T G G G C G A G T C T T C A T C T A A G G G A C C A A G A T A C T A A	1755

Figure S2: Comparison of the identified epidermal and hyperproliferative type I keratin nucleotide sequence of moderate psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT14	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G G G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
Moderate Psoriatic KRT14	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G G G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
KRT14	101	T C C T G G C C G G A G G G T C C T G C C G C G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C A T C C T C C C G C T T C T C C T C T G G G G G A G C C T A C G G G C T G G G G G G	200
Moderate Psoriatic KRT14	101	T C C T G G C C G G A G G G T C C T G C C G C G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C A T C C T C C C G C T T C T C C T C T G G G G G A G C C T A C G G G C T G G G G G G	200
KRT14	201	C G G C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T T G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T G G G T G G T G G C T T T	300
Moderate Psoriatic KRT14	201	C G G C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T T G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T G G G T G G T G G C T T T	300
KRT14	301	G G T G G T G G C T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C A A G G T G C	400
Moderate Psoriatic KRT14	301	G G T G G T G G C T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A A C G C C T G G C C T C C T A C G T G G A C A A G G T G C	400
KRT14	401	G T G C T C T G G A G G A G G C C A A C G C C G A C C T G G A A G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G C G G C C T G C T G A G A T C A A A G A C T A C A G T C C C T A C T T C A A	500
Moderate Psoriatic KRT14	401	G T G C T C T G G A G G A C C C C A T C G C C G A C C T G G A A G T G A A G A T C T G T G A C T G G T A C C A G A G G C A G C G G C T T G C T G A G A T C A T A G A C T A C A G T C C C T A C T T C A A	500
KRT14	501	G A C C A T T G A G G A C C T G A G G A A C A A G A T T C T C A C A G C C A C A G T G G A C A A T G C C A A T G T C C T T C T G C A G A T T G A C A A T G C C C G T C T G G C C G C G G A T G A C T T C	600
Moderate Psoriatic KRT14	501	G A C C A T T G A G G T C C T G A G T A A C A A G A T T C T C A C A G C C A C A G T G G A C A A T G C C A A T G T C C T T C T G C A G A T T G A C A A T G C C C G T C T G G C C G C G G A T G A C T T C	600
KRT14	601	C G C A C C A A G T A T G A G A C A G A G T T G A A C C T G C G C A T G A G T G T G G A A G C C G A C A T C A A T G G C C T G C G C A G G G T G C T G G A C G A A C T G A C C C T G G C C A G A G C T G	700
Moderate Psoriatic KRT14	601	C G C A C C A A G T A T G A G A C A G A G T T G A A C C T G C G C A T G A G T G T G G A A G C C G A C A T C A A T G T C C T G C G C A G G G T G C T G G A C G A A C T G A C C C T G G C C A G A G C T G	700
KRT14	701	A C C T G G A G A T G C A G A T T G A G A G C C T G A A G G A G G A G C T G G C C T A C C T G A A G A A G A A C C A C G A G G A G G A G A T G A A T G C C C T G A G A G G C C A G G T G G G T G G A G A	800
Moderate Psoriatic KRT14	701	A C C T G G A G A T G C A G A T T G A G A G C C T G A A G G A G G A G C T G G C C T A C C T G A A G A A G A A C C A C G A G G A G G A G A T G A A T G C C C T G A G A G G C C A G G T G G G T G G A G A	800
KRT14	801	T G T C A A T G T G G A G A T G G A C G C T G C A C C T G G C G T G G A C C T G A G C C G C A T T C T G A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A C C C C A A G	900
Moderate Psoriatic KRT14	801	T G T C A A T G T G G A G A T G G A C G C T G C A C C T G G C G T G G A C C T G A G C C G C A T T C T G A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A C C C C A A G	900
KRT14	901	G A T G C C G A G G A A T G G T T C T T C A C C A A G A C A G A G G A G C T G A A C C G C G A G G T G G C C A C C A A C A G C G A G C T G G T G C A G A G C G G C A A G A G C G A G A T C T C G G A G C	1000
Moderate Psoriatic KRT14	901	G A T C C C G A G G A A T G G T T C T T C A C C A A G A C A G A G G A G C T G A A C C C C G A G G T G G C C A C C A A C A G C G A G C T G G T G C A G A G C G G C A A G A G C G A G A T C T C G G A G C	1000
KRT14	1001	T C C G G C G C A C C A T G C A G A A C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G T C G C T A C T G	1100
Moderate Psoriatic KRT14	1001	T C C G G C G C A C C A T G C A G A A C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A C C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G T C G C T A C T G	1100
KRT14	1101	C A T G C A G C T G G C C C A G A T C C A G G A G A T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T C C G C T G C G A G A T G G A G C A G C A G A A C C A G G A G T A C A A G A T C	1200
Moderate Psoriatic KRT14	1101	C A T G C A G C T G G C C C A G A T C C A G G A G A T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T C C G C T G C G A G A T G G A G C A G C A G A A C C A G G A G T A C A A G A T C	1200
KRT14	1201	C T G C T G G A C G T G A A G A C G C G G C T G G A G C A G G A G A T C G C C A C C T A C C G C C G C C T G C T G G A G G G C G A G G A C G C C C A C C T C T C C T C C T C C C A G T T C T C C T C T G	1300
Moderate Psoriatic KRT14	1201	C T G C T G G A C G T G A A G A C G C G G C T G G A G C A G G A G T T C A C C A C C T A C T G C C G C C T G C T G G A G G G C G A G G A C G C C C A C C T C T C C T C C T C C C A G T T C T C C T C T G	1300
KRT14	1301	G A T C G C A G T C A T C C A G A G A T G T G A C C T C C T C C A G C C G C C A A A T C C G C A C C A A G G T C A T G G A T G T G C A C G A T G G C A A G G T G G T G T C C A C C C A C G A G C A G G T	1400
Moderate Psoriatic KRT14	1301	G A T C G C A G T C A T C C A G A G A T G T G A C C T C C T C C A G C C G C C A A A T C C G C A C C A A G G T C A T G G A T G T G C A C G A T G G C A A G G T G G T G T C C A C C C A C G A G C A G G T	1400
KRT14	1401	C C T T C G C A C C A A G A A C T G A	1419
Moderate Psoriatic KRT14	1401	C C T T C G C A C C A A G A A C T G A	1419

Figure S2: Comparison of the identified epidermal and hyperproliferative type I keratin nucleotide sequence of moderate psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT10	1	A T G T C T G T T C G A T A C A G C T C A A G C A A G C A C T A C T C T T C C T C C C G C A G T G G A G G A G G A G G A G G A G G A G G A T G T G G A G G A G G A G G A G G A G T G T C A T C C C	100
Moderate Psoriatic KRT10	1	A T G T C T G T T C G A T A C A G C T C A A G C A A G C A C T A C T C T T C C T C C C G C A G T G G A G G A G G A G G A G G A G G A G G A T G T G G A G G A G G A G G A G G A G T G T C A T C C C	100
KRT10	101	T A A G A A T T T C T A G C A G C A A A G G C T C C C T T G G T G G A G G A T T T A G C T C A G G G G G T T C A G T G G T G G C T C T T T T A G C C G T G G G A G C T C T G G T G G G G G C T G C T T	200
Moderate Psoriatic KRT10	101	T A A G A A T T T C T A G C A G C A A A G G C T C C C T T G G T G G A G G A T T T A G C T C A G G G G G T T C A G T G G T G G C T C T T T T A G C C G T G G G A G C T C T G G T G G G G G C T G C T T	200
KRT10	201	T G G G G G C T C A T C A G G T G G C T A T G G A G G A T T A G G A G G T T T T G G T G G A G G T A G C T T T C G T G G A A G C T A T G G A A G T A G C A G C T T T G G T G G G A G T T A T G G A G G C	300
Moderate Psoriatic KRT10	201	T G G G G G C T C A T C A G G T G G C T A T G G A G G A T T A G G A G G T T T T G G T G G A G G T A G C T T T C G T G G A A G C T A T G G A A G T A G C A G C T T T G G T G G G A G T T A T G G A G G C	300
KRT10	301	A G C T T T G G A G G G G G C A G T T T C G G A G G T G G C A G C T T T G G T G G G G G C A G C T T T G G T G G A G G C G G C T T T G G T G G A G G C G G C T T T G G A G G A G G C T T T G G T G G T G	400
Moderate Psoriatic KRT10	301	A G C T T T G G A G G G G G C A G T T T C G G A G G T G G C A G C T T T G G T G G G G G C A G C T T T G G T G G A G G C G G C T T T G G T G G A G G C G G C T T T G G A G G A G G C T T T G G T G G T G	400
KRT10	401	G A T T T G G A G G A G A T G G T G G C C T T C T C T C T G G A A A T G A A A A A G T A A C C A T G C A G A A T C T G A A T G A C C G C C T G G C T T C C T A C T T G G A C A A A G T T C G G G C T C T	500
Moderate Psoriatic KRT10	401	G A T T T G G A G G A G A A G G T G G C C T T C T C T T T G G A A A T G A A A A A G T A A C C A T G C A G A A T C T G A A T G A C C G C C T G G C T T C C T C C T T G G A C A A A G T T C G G G C T C T	500
KRT10	501	G G A A G A A T C A A A C T A T G A G C T G G A A G G C A A A A T C A A G G A G T G G T A T G A A A A G C A T G G C A A C T C A C A T C A G G G G G A G C C T C G T G A C T A C A G C A A A T A C T A C	600
Moderate Psoriatic KRT10	501	G C A A G A A T C A A A C T A T G A G A T G G A A G G C A A A A T C A A G G A G T G G T A T G A A A A G C A T G G C A A C T C A C A T C A G G G G G A G C C T C G T G A C T A C A G C A A A T A C T A C	600
KRT10	601	A A A A C C A T C G A T G A C C T T A A A A A T C A G A T T C T C A A C C T A A C A A C T G A T A A T G C C A A C A T C C T G C T T C A G A T C G A C A A T G C C A G G C T G G C A G C T G A T G A C T	700
Moderate Psoriatic KRT10	601	A A A A C C A T C G A T G A C C T T A A A A A T C A G A T T C T C A A C C T A A C A A C T G A T A A T G C C A A C A T C C T G C T T C A G A T C G C C A A T T C C A G G C T G G C A G C T G A T G A C T	700
KRT10	701	T C A G G C T G A A G T A T G A G A A T G A G G T A G C T C T G C G C C A G A G C G T G G A G G C T G A C A T C A A C G G C C T G C G T A T G G T G C T G G A T G A G C T G A C C C T G A C C A A G G C	800
Moderate Psoriatic KRT10	701	T C A T G C T G A A T T A T C A G A A T G A G G T A G C T G T G C G C C A G A G C G T G G A G G C T G A C A T C A A C G G C C T G C G T A T G G T G C T G G A T G A G C A G A C C C T G A C C A A G G C	800
KRT10	801	T G A C C T G G A G A T G C A A A T T G A G A G C C T G A C T G A A G A G C T G G C C T A T C T G A A G A A G A A C C A C G A G G A G G A A A T G A A A G A C C T T C G A A A T G T G T C C A C T G G T	900
Moderate Psoriatic KRT10	801	T G A C C T G G A G A T G C A A A T T G A G A G C C T G A C T G A A G A G C T G G C C T A T C T G A A G A A G A A C C A C G A G G A G G A A A T G A A A G A C C T T C G A A A T G T G T C C A C T G G T	900
KRT10	901	G A T G T G A A T G T G G A A A T G A A T G C T G C C C C G G G T G T T G A T C T G A C T C A A C T T C T G A A T A A C A T G A G A A G C C A A T A T G A A C A A C T T G C T G A A C A A A A C C G C A	1000
Moderate Psoriatic KRT10	901	G A T G T G A A T G T G G A A A T G A A T G C T G C C C C G G G T G T T G A T C T G A C T C A A C T T C T G A A T A A C A T G A G A A G C C A A T A T G A A C A A C T T G C T G A A C A A A A C C G C A	1000
KRT10	1001	A A G A T G C T G A A G C C T G G T T C A A T G A A A A G A G C A A G G A A C T G A C T A C A G A A A T T G A T A A T A A C A T T G A A C A G A T A T C C A G C T A T A A A T C T G A G A T T A C T G A	1100
Moderate Psoriatic KRT10	1001	A A G A T G C T G A A G C C T G G T T C A A T G A A A A G A G C A A G G A A C T G A C T A C A G A A A T T G A T A A T A A C A T T G A A C A G A T A T C C A G C T A T A A A T C T G A G A T T A C T G A	1100
KRT10	1101	A T T G A G A C G T A A T G T A C A A G C T C T G G A G A T A G A A C T A C A G T C C C A A C T G G C C T T G A A A C A A T C C C T G G A A G C C T C C T T G G C A G A A A C A G A A G G T C G C T A C	1200
Moderate Psoriatic KRT10	1101	A T T G A G A C G T A A T G T A C A A G C T C T G G A G A T A G A A C T A C A G T C C C A A C T G G C C T T G A A A C A A T C C C T G G A A G C C T C C T T G G C A G A A A C A G A A G G T C G C T A C	1200
KRT10	1201	T G T G T G C A G C T C T C A C A G A T T C A G G C C C A G A T A T C C G C T C T G G A A G A A C A G T T G C A A C A G A T T C G A G C T G A A A C C G A G T G C C A G A A T A C T G A A T A C C A A C	1300
Moderate Psoriatic KRT10	1201	T G T G T G C A G C T C T C A C A G A T T C A G G C C C A G A T A T C C G C T C T G G A A G A A C A G T T G C A A C A G A T T C G A G C T G A A A C C G A G T G C C A G A A T A C T G A A T A C C A A C	1300
KRT10	1301	A A C T C C T G G A T A T T A A G A T C C G A C T G G A G A A T G A A A T T C A A A C C T A C C G C A G C C T G C T A G A A G G A G A G G G A A G T T C C G G A G G C G G C G G A C G C G G C G G C G G	1400
Moderate Psoriatic KRT10	1301	A A C T C C T G G A T A T T A A G A T C C G A C T G G A G A A T G A A A T T C A A A C C T A C C G C A G C C T G C T A G A A G G A G A G G G A A G T T C C G G A G G C G G C G G A C G C G G C G G C G G	1400
KRT10	1401	A A G T T T C G G C G G C G G C T A C G G C G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C C A C G G C G G C G G C C A C G G C G G C A G T T C C G G C G G C G G C T A C G G A	1500
Moderate Psoriatic KRT10	1401	A A G T T T C G G C G G C G G C T A C G G C G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C C A C G G C G G C G G C C A C G G C G G C A G T T C C G G C G G C G G C T A C G G A	1500
KRT10	1501	G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C T A C G G G G G C G G A A G C T C C A G C G G C G G C C A C G G C G G C A G T T C C A G C G G C G G C T A C G G T G G T G G C A	1600
Moderate Psoriatic KRT10	1501	G G C G G A A G C T C C G G C G G C G G A A G C T C C G G C G G C G G C T A C G G G G G C G G A A G C T C C A G C G G C G G C C A C G G C G G C A G T T C C A G C G G C G G C T A C G G T G G T G G C A	1600
KRT10	1601	G T T C C G G C G G C G G C G G C G G C T A C G G G G G C G G C A G C T C C G G C G G C G G C A G C A G C T C C G G C G G C G G A T A C G G C G G C G G C A G C T C C A G C G G A G G C C A C A A	1700
Moderate Psoriatic KRT10	1601	G T T C C G G C G G C G G C G G C G G C T A C G G G G G C G G C A G C T C C G G C G G C G G C A G C A G C T C C G G C G G C G G A T A C G G C G G C G G C A G C T C C A G C G G A G G C C A C A A	1700
KRT10	1701	G T C C T C C T C T T C C G G G T C C G T G G G C G A G T C T T C A T C T A A G G G A C C A A G A T A C T A A	1755
Moderate Psoriatic KRT10	1701	G T C C T C C T C T T C C G G G T C C G T G G G C G A G T C T T C A T C T A A G G G A C C A A G A T A C T A A	1755

Figure S2: Comparison of the identified epidermal and hyperproliferative type I keratin nucleotide sequence of moderate psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT16	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G A G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
Moderate Psoriatic KRT16	1	A T G A C C A C C T G C A G C C G C C A G T T C A C C T C C T C C A G C T C C A T G A A G G G C T C C T G C G G C A T C G G A G G C G G C A T C G G G G G C G G C T C C A G C C G C A T C T C C T C C G	100
KRT16	101	T C C T G G C C G G A G G G T C C T G C C G T G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C C T C T C G C T T C T C C T C T G G G G G A G C C T G C G G G C T G G G G G G C G G	200
Moderate Psoriatic KRT16	101	T C C T G G C C G G A G G G T C C T G C C G T G C C C C A G C A C C T A C G G G G G C G G C C T G T C T G T C T C C T C T C G C T T C T C C T C T G G G G G A G C C T G C G G G C T G G G G G G C G G	200
KRT16	201	C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T C G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T C G G T G G T G G C T T G G G T G C T	300
Moderate Psoriatic KRT16	201	C T A T G G C G G T G G C T T C A G C A G C A G C A G C A G C T T T G G T A G T G G C T T C G G G G G A G G A T A T G G T G G T G G C C T T G G T G C T G G C T T C G G T G G T G G C T T G G G T G C T	300
KRT16	301	G G C T T T G G T G G T G G T T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C A	400
Moderate Psoriatic KRT16	301	G G C T T T G G T G G T G G T T T T G C T G G T G G T G A T G G G C T T C T G G T G G G C A G T G A G A A G G T G A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C A	400
KRT16	401	A G G T G C G T G C T C T G G A G G A G G C C A A C G C C G A C C T G G A A G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G C G G C C C A G T G A G A T C A A A G A C T A C A G T C C C T A	500
Moderate Psoriatic KRT16	401	A G G T G C G T G T T C T G G A G G A G G C C A A C G C C G A C C T G G A A G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G C G G C C C A G T G A G A T C A A A G A C T A C A G T C C C T A	500
KRT16	501	C T T C A A G A C C A T C G A G G A C C T G A G G A A C A A G A T C A T T G C G G C C A C C A T T G A G A A T G C G C A G C C C A T T T T G C A G A T T G A C A A T G C C A G G C T G G C A G C C G A T	600
Moderate Psoriatic KRT16	501	C T T C A A G A C C A T C G A G G A C C T G A G G A A C A A G A T C A T T G C G G C C A C C A T T G A G A A T G C G C A G C C C A T T T T G C A G A T T G A C A A T T C C A G G A T G G C A G C C G A T	600
KRT16	601	G A C T T C A G G A C C A A G T A T G A G C A T G A A C T G G C C C T G C G G C A G A C T G T G G A G G C C G A C G T C A A T G G C C T G C G C C G G G T G T T G G A T G A G C T G A C C C T G G C C A	700
Moderate Psoriatic KRT16	601	G A C T T C A G G A C C A A G T A T G A G C A T G A A C T G G C C C T G C G G C A G A C T G T G G A G G C C G A C G T C A A T G G C C T G C G C C G G G T G T T G G A T G A G C T G A C C C T G G C C A	700
KRT16	701	G G A C T G A C C T G G A G A T G C A G A T C G A A G G C C T G A A G G A G G A G C T G G C C T A C C T G A G G A A G A A C C A C G A G G A G G A G A T G C T T G C T C T G A G A G G T C A G A C C G G	800
Moderate Psoriatic KRT16	701	G G A C T G A C C T G G A G A T G C A G A T C G A A G G C C T G A A G G A G G A G C T G G C C T A C C T G A G G A A G A A C C A C G A G G A G G A G A T G C T T G C T C T G A G A G G T C A G A C C G G	800
KRT16	801	C G G A G A T G T G A A C G T G G A G A T G G A T G C T G C A C C T G G C G T G G A C C T G A G C C G C A T C C T G A A T G A G A T G C G T G A C C A G T A C G A G C A G A T G G C A G A G A A A A C	900
Moderate Psoriatic KRT16	801	C G G A G A T G T G A A C G T G G A G A T G G A T G C T G C A C C T G G C G T G G A C C T G A G C C G C A T C C T G A A T G A G A T G C G T G A C C A G T A C G A G C A G A T G G C A G A G A A A A C	900
KRT16	901	C G C A G A G A C G C T G A G A C C T G G T T C C T G A G C A A G A C C G A G G A G C T G A A C A A A G A A G T G G C C T C C A A C A G C G A A C T G G T A C A G A G C A G C C G C A G T G A G G T G A	1000
Moderate Psoriatic KRT16	901	C G C A G A G A C G C T G A G A C C T G G T T C C T G A G C A A G A C C G A G G A G C T G A A C A A A G A A G T G G C C T C C A A C A G C G A A C T G G T A C A G A G C A G C C G C A G T G A G G T G A	1000
KRT16	1001	C G G A G C T C C G G A G G G T G C T C C A G G G C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G C C G	1100
Moderate Psoriatic KRT16	1001	C G G A G C T C C G G A G G G T G C T C C A G G G C C T G G A G A T T G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G A A C A G C C T G G A G G A G A C C A A A G G C C G	1100
KRT16	1101	C T A C T G C A T G C A G C T G T C C C A G A T C C A G G G A C T G A T T G G C A G T G T G G A G G A G C A G C T G G C C C A G C T A C G C T G T G A G A T G G A G C A G C A G A G C C A G G A G T A C	1200
Moderate Psoriatic KRT16	1101	C T A C T G C A T G C A G C T G T C C C A G A T C C A G G G A C T G A T T G G C A G T G T G G A G G A G C A G C T G G C C C A G C T A C G C T G T G A G A T G G A G C A G C A G A G C C A G G A G T A C	1200
KRT16	1201	C A G A T C T T G C T G G A T G T G A A G A C G C G G C T G G A G C A G G A G A T T G C C A C C T A C C G C C G C C T G C T G G A G G G C G A G G A T G C C C A C C T T T C C T C C C A G C A A G C A T	1300
Moderate Psoriatic KRT16	1201	C A G A T C T T G C T G G A T G T G A A G A C G C G G C T G G A G C A G G A G A T T G C C A C C T A C C G C C G C C T G C T G G A G G G C G A G G A T G C C C A C C T T T C C T C C C A G C A A G C A T	1300
KRT16	1301	C T G G C C A A T C C T A T T C T T C C C G C G A G G T C T T C A C C T C C T C C T C G T C C T C T T C G A G C C G T C A G A C C C G G C C C A T C C T C A A G G A G C A G A G C T C A T C C A G C T T	1400
Moderate Psoriatic KRT16	1301	C T G G C C A A T C C T A T T C T T C C C G C G A G G T C T T C A C C T C C T C C T C G T C C T C T T C G A G C C G T C A G A C C C G G C C C A T C C T C A A G G A G C A G A G C T C A T C C A G C T T	1400
KRT16	1401	C A G C C A G G G C C A G A G C T C C T A G	1422
Moderate Psoriatic KRT16	1401	C A G C C A G G G C C A G A G C T C C T A G	1422

Figure S2: Comparison of the identified epidermal and hyperproliferative type I keratin nucleotide sequence of moderate psoriasis obtained in this study with those of respective NCBI CDS sequences. The mutated sequences are indicated by arrow.

KRT 17	1	A T G A C C A C C T C C A T C C G C C A G T T C A C C T C C T C C A G C T C C A T C A A G G G C T C C T C C G G C C T G G G G G G C G G C T C G T C C C G C A C C T C C T G C C G G C T G T C T G G C G	100
Moderate Psoriatic KRT17	1	A T G A C C A C C T C C A T C C G C C A G T T C A C C T C C T C C A G C T C C A T C A A G G G C T C C T C C G G C C T G G G G G G C G G C T C G T C C C G C A C C T C C T G C C G G C T G T C T G G C G	100
KRT 17	101	G C C T G G G T G C C G G C T C C T G C A G G C T G G G A T C T G C T G G C G G C C T G G G C A G C A C C C T C G G G G G T A G C A G C T A C T C C A G C T G C T A C A G C T T T G G C T C T G G T G G	200
Moderate Psoriatic KRT17	101	G C C T G G G T G C C G G C T C C T G C A G G C T G G G A T C T G C T G G C G G C C T G G G C A G C A C C C T C G G G G G T A G C A G C T A C T C C A G C T G C T A C A G C T T T G G C T C T G G T G G	200
KRT 17	201	T G G C T A T G G C A G C A G C T T T G G G G G T G T T G A T G G G C T G C T G G C T G G A G G T G A G A A G G C C A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C	300
Moderate Psoriatic KRT17	201	T G G C T A T G G C A G C A G C T T T G G G G G T G T T G A T G G G C T G C T G G C T G G A G G T G A G A A G G C C A C C A T G C A G A A C C T C A A T G A C C G C C T G G C C T C C T A C C T G G A C	300
KRT 17	301	A A G G T G C G T G C C C T G G A G G A G G C C A A C A C T G A G C T G G A G G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G G C C C C G G G G C C C G C C C G T G A C T A C A G C C A G T	400
Moderate Psoriatic KRT17	301	A A G G T G C G T G C C C T G G A G G A G G C C A A C A C T G A G C T G G A G G T G A A G A T C C G T G A C T G G T A C C A G A G G C A G G C C C C G G G G C C C G C C C G T G A C T A C A G C C A G T	400
KRT 17	401	A C T A C A G G A C A A T T G A G G A G C T G C A G A A C A A G A T C C T C A C A G C C A C C G T G G A C A A T G C C A A C A T C C T G C T A C A G A T T G A C A A T G C C C G T C T G G C T G C T G A	500
Moderate Psoriatic KRT17	401	A C T A C A G G A C A A T T G A G G A G C T G C A G A A C A A G A T C C T C A C A G C C A C C G T G G A C A A T G C C A A C A T C C T G C T A C A G A T T G A C A A T G C C C G T C T G G C T G C T G A	500
KRT 17	501	T G A C T T C C G C A C C A A G T T T G A G A C A G A G C A G G C C C T G C G C C T G A G T G T G G A G G C C G A C A T C A A T G G C C T G C G C A G G G T G C T G G A T G A G C T G A C C C T G G C C	600
Moderate Psoriatic KRT17	501	T G T C T T C C G C A C C A A G T T T G A G A C A G A G C A G G C C C T G C G C C T G A G T G T G G A G G C C G A C A T C A A T G G C C T G C G C A G G G T G C T G G A T G A G C T G A C C C T G G C C	600
KRT 17	601	A G A G C C G A C C T G G A G A T G C A G A T T G A G A A C C T C A A G G A G G A G C T G G C C T A C C T G A A G A A G A A C C A C G A G G A G G A G A T G A A C G C C C T G C G A G G C C A G G T G G	700
Moderate Psoriatic KRT17	601	A G A G C C G A C C T G G A G A T G C A G A T T G A G A A C C T C A A G G A G G A G C T G G C C T A C C T G A A G A A G A T C C A C G A G G A G G A G A T G A A C C C C C T G C G A G G C C A G G T G G	700
KRT 17	701	G T G G T G A G A T C A A T G T G G A G A T G G A C G C T G C C C C A G G C G T G G A C C T G A G C C G C A T C C T C A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A	800
Moderate Psoriatic KRT17	701	G T G G T G A G A T C A A T G T G G A G A T G G A C G C T G C C C C A G G C G T G G A C C T G A G C C G C A T C C T C A A C G A G A T G C G T G A C C A G T A T G A G A A G A T G G C A G A G A A G A A	800
KRT 17	801	C C G C A A G G A T G C C G A G G A T T G G T T C T T C A G C A A G A C A G A G G A A C T G A A C C G C G A G G T G G C C A C C A A C A G T G A G C T G G T G C A G A G T G G C A A G A G T G A G A T C	900
Moderate Psoriatic KRT17	801	C C G C A A G G A T G C C G A G G A T T G G T T C T T C A G C A A G A C A G A G G A A C T G A A C C G C G A G G T G G C C A C C A A C A G T G A G C T G G T G C A G A G T G G C A A G A G T G A G A T C	900
KRT 17	901	T C G G A G C T C C G G C G C A C C A T G C A G G C C T T G G A G A T A G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G G G C A A C C T G G C G G A G A C A G A G A A C C	1000
Moderate Psoriatic KRT17	901	T C G G A G T T C C G G C G C A C C A T G C A G G C C T T G G A G A T A G A G C T G C A G T C C C A G C T C A G C A T G A A A G C A T C C C T G G A G G G C A A C C T G G T G G A G A C A G A G A A C C	1000
KRT 17	1001	G C T A C T G C G T G C A G C T G T C C C A G A T C C A G G G G C T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T T C G C T G C G A G A T G G A G C A G C A G A A C C A G G A A T A	1100
Moderate Psoriatic KRT17	1001	G C T A C T G C G T G C A G C T G T C C C A G A T C C A G G G G C T G A T T G G C A G C G T G G A G G A G C A G C T G G C C C A G C T T C T C T G C G A G A T G G A G C A G C A G A A C C A G G A A T A	1100
KRT 17	1101	C A A A A T C C T G C T G G A T G T G A A G A C G C G G C T G G A G C A G G A G A T T G C C A C C T A C C G C C G C C T G C T G G A G G G A G A G G A T G C C C A C C T G A C T C A G T A C A A G A A A	1200
Moderate Psoriatic KRT17	1101	C A A A A T C C T G C T G G A T G T G A A G A C G C G G C T G G A G C A G G A G A T T T C C A C C T A C C G C C G C C T G C T G G A G G G A G A G G A T G C C C A C C T G A C T C A G T A C A A G A A A	1200
KRT 17	1201	G A A C C G G T G A C C A C C C G T C A G G T G C G T A C C A T T G T G G A A G A G G T C C A G G A T G G C A A G G T C A T C T C C T C C C G C G A G C A G G T C C A C C A G A C C A C C C G C T G A	1299
Moderate Psoriatic KRT17	1201	G A A C C G G T G C C C A C C C G T C A G G T G C G T A C C A T T G T G G A A G A G G T C C A G G A T G G C A A G G T C A T C T C C T C C C G C G A G C A G G T C C A C C A G A C C A C C C G C T G A	1299