

Supplemental Table 1. Conservation of amino acid residues in various Keap1 proteins, which were demonstrated to interact with the ETGE (L76-E82) or DLG (Q26-D29) motifs of mouse Nrf2. Pluses denote amino acid residues identical to mouse Keap1. Abbreviations are the same as in Fig. 1.

Keap1	S363	R380	N382	R415	R483	S508	Y525	Q530	S555	Y572	F577	S602	G603
Interacting residues in the ETGE motif	E82	E82	E82	E79	E79	E79	L76-E78	L76-E78	E79	-	-	T80	-
Interacting residues in the DLG motif	-	-	D29	Q26, D27	Q26	Q26	-	-	Q26	I28	I28	D27	D27
m K1	+	+	+	+	+	+	+	+	+	+	+	+	+
h K1	+	+	+	+	+	+	+	+	+	+	+	+	+
c K1	+	+	+	+	+	+	+	+	+	+	+	+	+
xt K1	+	+	+	+	+	+	+	+	+	+	+	+	+
xl K1	+	+	+	+	+	+	+	+	+	+	+	+	+
z K1a	+	+	L	+	+	+	+	+	+	F	+	+	+
f K1a	+	+	L	+	+	+	+	+	+	F	+	+	+
st K1a	+	+	M	+	+	+	+	+	+	F	+	+	+
me K1a	+	+	L	+	+	+	+	+	+	+	+	+	+
z K1b	+	+	+	+	+	+	+	+	+	+	+	+	+
f K1b	+	+	+	+	+	+	+	+	+	+	+	+	+
st K1b	+	+	+	+	+	+	+	+	+	+	+	+	+
te K1b	+	+	+	+	+	+	+	+	+	+	+	+	+
me K1b	+	+	+	+	+	+	+	+	+	+	+	+	+
ci K1	+	+	+	+	+	+	+	+	+	+	+	+	+
cs K1	+	+	+	+	+	+	+	+	+	+	+	+	+
ag K1	+	+	+	+	+	+	F	+	+	+	+	+	+
aa K1	+	+	+	+	+	+	F	+	+	+	+	+	+
d K1	+	+	+	+	+	+	F	+	+	F	+	+	+
m Mayven	C	F	G	T	C	+	H	V	R	D	N	+	Y
m KLHL20	C	H	G	S	P	K	R	E	+	T	Y	L	+
m KLHL5	L	R	G	G	C	G	F	R	D	+	Y	A	+