

Supplemental Table 1. Disease scores in the mungbean RIL population derived from the cross KPS2×NM10-12-1 evaluated for resistance to mungbean yellow mosaic India virus in 2012 at Punjab, India, and percentages of disease index in 2008 in the same population evaluated for the resistance at Faisalabad, Pakistan.

Entry	Disease score (evaluation in India)	Percentages of disease index (evaluation in Pakistan)
KPS2	5.00	80.80
NM10-12-1	1.17	23.64
RIL1	4.91	79.31
RIL2	4.47	77.14
RIL3	-	78.00
RIL4	4.86	77.42
RIL5	1.95	76.88
RIL6	5.00	98.00
RIL7	3.25	86.90
RIL8	1.96	67.86
RIL9	4.43	67.05
RIL10	1.93	62.35
RIL11	1.17	64.00
RIL12	4.42	84.62
RIL13	4.55	92.38
RIL14	4.96	63.33
RIL15	4.54	82.35
RIL16	1.35	73.33
RIL17	4.74	89.66
RIL18	3.96	91.52
RIL19	1.09	80.63
RIL20	4.67	78.75
RIL21	4.57	60.00
RIL22	4.29	82.96
RIL23	4.70	80.00

RIL24	2.31	78.62
RIL25	4.80	80.77
RIL26	2.10	60.00
RIL27	1.97	60.77
RIL28	2.38	50.82
RIL29	5.00	70.00
RIL30	2.93	31.89
RIL31	5.00	87.74
RIL32	2.25	74.48
RIL33	4.23	74.62
RIL34	5.00	80.00
RIL35	1.74	59.38
RIL36	1.92	52.67
RIL37	5.00	85.19
RIL38	-	59.05
RIL39	4.19	58.50
RIL40	4.25	83.08
RIL41	4.66	84.29
RIL42	1.78	65.88
RIL43	4.75	84.67
RIL44	-	82.50
RIL45	2.32	72.00
RIL46	0.71	73.51
RIL47	5.00	76.67
RIL48	1.85	60.00
RIL49	4.82	90.91
RIL50	-	90.63
RIL51	2.25	90.44
RIL52	4.93	90.35
RIL53	3.94	91.18
RIL54	5.00	88.57
RIL55	4.14	65.14
RIL56	-	64.14

RIL57	4.04	65.52
RIL58	2.46	67.41
RIL59	-	81.18
RIL60	3.97	81.08
RIL61	4.64	81.62
RIL62	-	70.00
RIL63	-	78.79
RIL64	4.22	72.31
RIL65	3.50	75.20
RIL66	4.35	63.45
RIL67	3.76	80.00
RIL68	4.79	61.94
RIL69	4.23	81.05
RIL70	4.69	82.33
RIL71	2.89	61.03
RIL72	4.20	58.46
RIL73	5.00	83.81
RIL74	2.25	77.78
RIL75	2.29	76.15
RIL76	2.51	68.13
RIL77	3.92	87.50
RIL78	1.18	82.40
RIL79	3.69	82.22
RIL80	2.13	65.00
RIL81	4.89	60.83
RIL82	4.74	58.46
RIL83	-	65.39
RIL84	3.06	64.62
RIL85	3.72	66.67
RIL86	3.80	64.55
RIL87	3.98	69.52
RIL88	4.35	81.29
RIL89	3.40	61.91

RIL90	3.98	65.81
RIL91	2.77	78.38
RIL92	4.37	80.00
RIL93	3.60	64.29
RIL94	4.90	82.22
RIL95	4.00	81.60
RIL96	3.93	65.00
RIL97	4.75	75.39
RIL98	4.16	84.62
RIL99	5.00	83.08
RIL100	3.65	40.00
RIL101	3.55	39.26
RIL102	3.66	50.00
RIL103	-	56.57
RIL104	5.00	85.00
RIL105	4.28	83.03
RIL106	5.00	87.62
RIL107	4.38	73.53
RIL108	2.13	72.31
RIL109	4.30	75.17
RIL110	3.32	70.71
RIL111	4.16	85.71
RIL112	3.89	75.71
RIL113	3.51	71.61
RIL114	5.00	100.00
RIL115	3.20	68.70
RIL116	3.92	76.15
RIL117	1.91	73.79
RIL118	3.77	75.46
RIL119	5.00	76.80
RIL120	-	83.33
RIL121	4.42	84.52
RIL122	4.82	85.19

- = missing data due to no germination.