Table 1. Symbols used in Naming QTL in *Phaseolus vulgaris* in Published Literature.

SYMBOL	DESCRIPTION OF QTL	Alternative Symbols
Ag	Angle (shoot)	
ALS	Angular Leaf Spot Resistance	
ANT	Anthracnose Resistance	
AR	Apion godmani Resistance	
ARR	Aphanomyces euteiches Root Rot Resistance	
ASB	Ashy Stem Blight Resistance	
BGYMV	Bean Golden Yellow Mosaic Virus Resistance	
BBS	Bacterial Brown Spot Resistance	
CBB	Common Bacterial Blight Resistance	
CP	Coat Proportions (seed)	
DE	Days to End of Flowering	
DF	Days to Flower	
DG	Days to Green Pods	
DM	Days to Maturity	
DO	Seed Dormancy	
DSI	Disease Severity Index – white mold	
FRR	Fusarium Root Rot Resistance	
HB	Halo Blight Resistance	
HD	Hypocotyl Diameter	
HI	Harvest Index	
HT	Height (Plant) - Canopy	PH – Plant Height
L5	Length to 5th internode	
LDG	Lodging	Lg
LH	Leaf Hopper Resistance	
NM	Number of Nodes on main stem	
NN	Number of Nodules per plant	
PD	Photoperiod induced delay in flowering	
PL	Pod length	
PP	Pods per Plant	PPP
PW	Plant Width	
RRR	Rhizoctonia Root Rot Resistance	
SBRA	Shallow Basal Root Angle	
SH	Seed height	
SL	Seed length	
SP	Seeds per Pod	SPP
SW	Seed Weight (100 seed wt.)	
SY	Seed Yield	YLD
TB	Total Branches	
TD	Taproot Diameter	
TN	Total Nodes	
TP	Thrip Resistance	
UP	Upper Pods	

SYMBOL	DESCRIPTION OF QTL	Alternative Symbols
W	Seed Width	
WA	Water absorption (seed)	
WB	Web Blight Resistance	
WM	White Mold Resistance	

Table2. Proposed Symbols used in Naming QTL in *Phaseolus vulgaris*

SYMBOL	DESCRIPTION OF QTL	Define *
BM	Total Biomass	Tissue , stage- maturity, flowering
NDFA	Nitrogen derived from atmosphere	Method, Tissue, Value, %
RW	Root weight	
NHI	Nitrogen Harvest Index	
NN	Nodulation	Number, rating, weight, etc.
NY	Nitrogen Yield	Total N
%N	Percent Nitrogen	Tissue, seed, shoot

*Single name for the QTL; when describing the QTL, the authors should provide information on tissue or growth stage where the QTL was detected. The tissue, growth stage, treatment or location should not be incorporated into the name of the QTL, just the trait.