

**Name:** *hairless (hl)*

**Accessions:** Tri3

**Gene ID:**

**Map position:** chromosome 11 (short arm)

**Gene function:**

**Gene effect:**

**Phenotypes:** All types of trichomes deformed and scarce. Weak plant with brittle leaves. Very few root hairs.

**Description of accessions available:** MT-*hl* is a BC6Fn introgressed from LA1109

**Comments:**

**Figures:**



A seedling of MT-*hl* with no visible trichomes.

## **Bibliography**

Kang JH, Shi F, Jones DA, Marks DM, Howe GA (2010) Distortion of trichome morphology by the *hairless* mutation of tomato affects leaf surface chemistry. *Journal of Experimental Botany* 61:1053-1064.

Reeves II AF (1977) Tomato trichomes and mutations affecting their development. *American Journal of Botany* 64(2):186-189