

map_is_cons^{0,22}

$\forall A, B:\text{Type}, f:(A \rightarrow B), L:A \text{ List}, L_2:B \text{ List}, b:B.$

$\text{map}(f;L) = (b.L_2) \Rightarrow \{f(\text{hd}(L)) = b \ \& \ \text{map}(f;\text{tl}(L)) = L_2\}$