

p-first-append^{11,40}

$\forall A, B:\text{Type}, L_1, L_2:((A \rightarrow (B + \text{Top})) \text{ List}).$

$\text{p-first}(L_1 @ L_2) = \text{p-first}([\text{p-first}(L_1); \text{p-first}(L_2)]) \in A \rightarrow (B + \text{Top})$