

filter_filter^{11,40}

$\forall T:\text{Type}, P_1, P_2:(T \rightarrow \mathbb{B}), L:(T \text{ List}).$

$\text{filter}(P_1;\text{filter}(P_2;L)) \sim \text{filter}(\lambda t.(P_1(t)) \wedge_b (P_2(t));L)$