

member_filter2^{4,23}

$\forall T:\text{Type}, L:T \text{ List}, P:(\mathbb{N}_{<\|L\|} \rightarrow \mathbb{B}), x:T.$
 $(x \in \text{filter2}(P;L)) \Leftrightarrow (\exists i:\mathbb{N}_{<\|L\|}. x = L[i] \ \& \ P(i))$