member-mapfilter[0,22]

$\forall T$:Type, L:T List, P:($\{x$:$T|$ $(x \in L)$ $\}\rightarrow \mathbb{B}$), T':Type, f:($\{x$:$T|$ $(x \in L)$ & $P(x)$ $\}\rightarrow T'$), x:T'.
$(x \in \text{mapfilter}(f;P;L)) \Leftrightarrow (\exists y$:$T.$ $(y \in L)$ & $P(y)$ & $x = f(y))$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p21_460410_{member-mapfilter}.html