

## **filter\_append**<sup>11,40</sup>

$\forall T:\text{Type}, P:(T \rightarrow \mathbb{B}), l_1, l_2:(T \text{ List}).$

$\text{sseq}(\text{filter}(P; \text{append}(l_1; l_2)); \text{append}(\text{filter}(P; l_1); \text{filter}(P; l_2)))$