existse-between1_functionality_wrt_iff[11,40]

$\forall es$:ES, e_1:E, e_2:$\{e$:E| loc(e) = loc(e_1) $\in$ Id$\}$, P, Q:($\{e$:E| loc(e) = loc(e_1) $\in$ Id$\} \to \mathbb{P}$).
($\forall e$:$\{e$:E| loc(e) = loc(e_1) $\in$ Id$\}$. $P(e) \iff Q(e)$) $\Rightarrow$ ($\exists e \in [e_1,e_2).P(e) \iff \exists e \in [e_1,e_2).Q(e)$)

http://www.nuprl.org/FDLcontent/p0_963683_/p32_121663_{existse-between1_functionality_wrt_iff}.html