ma-knows_wf[0,22]

$\forall poss{:}(\mathrm{ES}\{\mathrm{i}\}\rightarrow\mathrm{Prop}_{\mathrm{i'}}),\ T{:}\mathrm{Type}_{\mathrm{i}},\ s{:}T,\ i{:}\mathrm{Id},\ P{:}(\text{possible-event}\{\mathrm{i{:}l}\}(poss)\rightarrow\mathrm{Prop}_{\mathrm{i'}}),$
$R{:}(\text{possible-event}\{\mathrm{i{:}l}\}(poss)\rightarrow\text{possible-event}\{\mathrm{i{:}l}\}(poss)\rightarrow\mathrm{Prop}_{\mathrm{i'}}),\ Rs{:}(T\rightarrow T\rightarrow\mathrm{Prop}_{\mathrm{i'}}).$
$\text{ma-knows}\{\mathrm{i{:}l}\}(poss;\ i;\ T;\ s;\ P;\ Rs;\ R)\ \in\ \mathrm{Prop}_{\mathrm{i'}}$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p44_535304_{ma-knows_wf}.html