

input:1  $XGFa \leftrightarrow ((a \oplus b) \vee FGX(\neg b \wedge \neg c))$   
input:2  $a \cup (b \mathrel{W} (c \mathrel{R} ((d \wedge e) \mathrel{M} f)))$   
input:3  $\{a; b^{=2}; \{f^* \cap \{c : d^*\}\}; e^{*2..}\} \Diamond \rightarrow (\{c_1^{\neg 2} \& \{\{a \cup \varepsilon\}^*; b^+\}\} \Box \rightarrow h)$   
input:4  $\{a; b; c\} \Box \Rightarrow (\{d^*; e\} \Diamond \Rightarrow \neg f)$   
input:5  $\neg(\{a; b^*; c\}!) \rightarrow d$   
input:6  $\{a^*; \{b; c\}^{*3..4}; \{c; d\}^{:+}; d\}!$   
input:7  $G(uglyname \rightarrow Fuglierlongname_{42})$   
input:8  $\text{"\#foo/\$bar\$"} \cup \text{"baz\~yes^no"}$   
--go-theta:1  $\neg(GFp_1 \rightarrow G(q \rightarrow Fr))$   
--go-theta:2  $\neg((GFp_1 \wedge GFp_2) \rightarrow G(q \rightarrow Fr))$   
--go-theta:3  $\neg((GFp_1 \wedge GFp_2 \wedge GFp_3) \rightarrow G(q \rightarrow Fr))$   
random 0  $\perp$   
random 1  $p_1$   
random 2  $\top$   
random 3  $\{p_1^*, *^{2..3}\}^*$   
random 4  $\varepsilon$   
random 5  $\neg p_1$   
random 6  $\neg p_0 \leftrightarrow \{p_0 \oplus p_1\}$   
random 7  $\{p_1 \vee \{p_1 \oplus \neg p_1\}\}^*$   
random 8  $\top; p_1$   
random 9  $\varepsilon \cup \{\neg\{\neg p_0 \rightarrow p_1\}\}^{*2..3}$