Synthesized solution for benchmark `03syscalls.c`

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solution
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(Complete), cond b_{28}:   x == 0

$Case\, b_{28}$:
$k_1 = K_{32} \cdot L_{16} \cdot (b_{15} \cdot P_{35} \cdot W_{37} + \neg b_{15} \cdot 1) \cdot G_{12} \cdot (a_9 \cdot Y_{11} \cdot B_{10}) * \neg a_9 \cdot A_8$
$k_2 = T_{30} \cdot M_{33} \cdot (b_{28} \cdot E_{27} \cdot O_{26} + \neg b_{28} \cdot 1) \cdot G_{25} \cdot ((a_{21} \wedge c_{22}) \cdot Y_{24} \cdot B_{23}) * (\neg a_{21} \vee \neg c_{22}) \cdot A_{20}$

`AComplete`

$Axioms : \{K = 1, L = T, M = 1, P = 1, W = 1, !a =!c, Q = 1, U = 1\}$
$k_1 = K_{32} \cdot L_{16} \cdot (b_{15} \cdot P_{35} \cdot W_{37} + \neg b_{15} \cdot 1) \cdot G_{12} \cdot (a_9 \cdot Y_{11} \cdot B_{10}) * \neg a_9 \cdot A_8$
$k_2 = T_{30} \cdot M_{33} \cdot 1 \cdot (b_{28} \cdot Q_{38} \cdot U_{39} + \neg b_{28} \cdot 1) \cdot G_{25} \cdot ((a_{21} \wedge c_{22}) \cdot Y_{24} \cdot B_{23}) * (\neg a_{21} \vee \neg c_{22}) \cdot A_{20}$

$Case\, \neg b_{28}$:
$k_1 = K_{32} \cdot L_{16} \cdot (b_{15} \cdot P_{35} \cdot W_{37} + \neg b_{15} \cdot 1) \cdot G_{12} \cdot (a_9 \cdot Y_{11} \cdot B_{10}) * \neg a_9 \cdot A_8$
$k_2 = T_{30} \cdot M_{33} \cdot (b_{28} \cdot E_{27} \cdot O_{26} + \neg b_{28} \cdot 1) \cdot G_{25} \cdot ((a_{21} \wedge c_{22}) \cdot Y_{24} \cdot B_{23}) * (\neg a_{21} \vee \neg c_{22}) \cdot A_{20}$

`AComplete`

$Axioms : \{K = 1, L = T, M = 1, P = 1, W = 1, !a =!c, Q = 1, U = 1\}$
$k_1 = K_{32} \cdot L_{16} \cdot (b_{15} \cdot P_{35} \cdot W_{37} + \neg b_{15} \cdot 1) \cdot G_{12} \cdot (a_9 \cdot Y_{11} \cdot B_{10}) * \neg a_9 \cdot A_8$
$k_2 = T_{30} \cdot M_{33} \cdot 1 \cdot (b_{28} \cdot Q_{42} \cdot U_{43} + \neg b_{28} \cdot 1) \cdot G_{25} \cdot ((a_{21} \wedge c_{22}) \cdot Y_{24} \cdot B_{23}) * (\neg a_{21} \vee \neg c_{22}) \cdot A_{20}$

Remaining 154 solutions ommitted for brevity.