

% JG9: Causative

initial symbol: TS

TS -> TS TNS

TS -> S TNS

S -> S PLTSTL

S -> PP S

S -> ADV S

S -> TOPP S

S -> TOPP S_GAP

S -> NOMP VI

S -> LOCP NOMP VI

S -> NOMP VP

VP -> ACCP VT

VP -> LOCP ACCP VT

VP -> ACCP ACCP_GAP VT

VP -> LOCP VP_ACC/LOGAP VTV_INTRANS

VP -> LOCP VP VTV

VP -> LOCP VI VTV

VP -> ACCP VI VTV

VP_ACC/LOGAP -> VT

VP_ACC/LOGAP -> ACCP VT

VP_ACC/LOGAP -> LOCP VT

VP_ACC/LOGAP -> ACCP_GAP VT

VP_ACC/LOGAP -> LOCP VP_ACC/LOGAP VTV

VP_ACC/LOGAP -> VP VTV

VP_ACC/LOGAP -> VI VTV

N -> GENP N

N -> TS_GAP N

N -> TS N

N -> GENP RN

N -> TS SRN

TS_GAP -> TS_GAP TNS

TS_GAP -> S_GAP TNS

S_GAP -> VI

S_GAP -> NOMP_GAP VI

S_GAP -> LOCP VI

S_GAP -> NOMP VI

S_GAP -> LOCP_GAP NOMP VI

S_GAP -> LOCP NOMP_GAP VI

S_GAP -> VP

S_GAP -> NOMP VP_GAP

S_GAP -> NOMP_GAP VP

VP_GAP -> VT

VP_GAP -> LOCP VT

VP_GAP -> ACCP VT

VP_GAP -> LOCP ACCP_GAP VT

VP_GAP -> LOCP_GAP ACCP VT

VP_GAP -> ACCP_GAP VT

VP_GAP -> ACCP_GAP ACCP_GAP VT

VP_GAP -> VP_ACC/LOGAP VTV_INTRANS

VP_GAP -> LOCP VP_ACC/LOGAP_GAP VTV_INTRANS

VP_GAP -> LOCP_GAP VP_ACC/LOGAP VTV_INTRANS

VP_GAP -> VP VTV
VP_GAP -> LOCP_GAP VP VTV
VP_GAP -> LOCP VP_GAP VTV
VP_GAP -> VI VTV
VP_GAP -> LOCP_GAP VI VTV
VP_GAP -> ACCP_GAP VI VTV

VP_ACC/LOGCAP_GAP -> VT
VP_ACC/LOGCAP_GAP -> ACCP_GAP VT
VP_ACC/LOGCAP_GAP -> LOCP_GAP VT
VP_ACC/LOGCAP_GAP -> VP_ACC/LOGCAP VTV
VP_ACC/LOGCAP_GAP -> LOCP_GAP VP_ACC/LOGCAP VTV
VP_ACC/LOGCAP_GAP -> LOCP VP_ACC/LOGCAP_GAP VTV
VP_ACC/LOGCAP_GAP -> VP_GAP VTV

NOMP_GAP -> N_GAP NOM
ACCP_GAP -> N_GAP ACC
LOCP_GAP -> N_GAP LOC

N_GAP -> RN

NOMP -> N NOM
ACCP -> N ACC
LOCP -> N LOC
PP -> N P
PP -> TS SP
GENP -> N GEN
GENP -> PP GEN
GENP -> ADV GEN

TOPP -> N TOP
TOPP -> PP TOP
TOPP -> LOCP TOP
TOPP -> ADV TOP

NOM -> ga
ACC -> wo
LOC -> ni
GEN -> no
TOP -> wa
P -> de
P -> kara
P -> ni
SP -> to

N -> kodomo
N -> otoko
N -> okaasan
N -> isha
N -> yakuza
N -> josidaisei
N -> minna
N -> ohagi
N -> huku
N -> terebi
N -> genki
N -> ame
N -> shuppatu
N -> setujo
N -> yuukai
N -> heya
N -> oosaka
N -> byouin
N -> mono
N -> ashita
N -> kare

N -> sore
RN -> gan
RN -> kami
RN -> ashi
RN -> hana
SRN -> nioi
SRN -> oto
RN -> nioi
RN -> oto
N -> nioi
N -> oto

ADV -> ashita

TNS -> u
TNS -> ru
TNS -> ita
TNS -> ta

PLTSTL -> imas
PLTSTL -> mas

VI -> hukure
VI -> nobi
VI -> de
VI -> siraretei
VI -> i
VI -> nemur
VI -> hur
VI -> k
VI -> ar
VI -> s
VI -> shuppatus
VI -> bakuhatus
VTV_INTRANS -> PASS
VTV -> SUFFER
VTV -> MAKE/LET
VT -> tabe
VT -> ki
VT -> mi
VT -> tate
VT -> atae
PASS -> rare
PASS -> are
PASS -> orare
SUFFER -> rare
SUFFER -> are
SUFFER -> orare
MAKE/LET -> sase
MAKE/LET -> ase
MAKE/LET -> osase
VT -> kir
VT -> ok
VT -> kag
VT -> okos
VT -> hum
VT -> nagur
VT -> ais
VT -> s
VT -> yuukais
VT -> setujos