

РљРѕРј РћРґРґРҒ L01E X03.

PαP°CḡPjP°PePsP»PsPiC-C#PSC- PIP»P°CfC,PëPIPsCfC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

P'PsC,CḡC-C" PSC,^{PÿPḡ} C" P·P°Cf'PsP±PsPj PrP»Cḡ PīPμCḡPsCḡP°P»CHḡPSPsPiPs
P·P°Cf'C,Pscf'Cf'PIP°PSPSCḡ, PīPsC,Cf'PḡPSPëPj P±P°PiP°C,PSPjC-CḡPμPSPμPIPëPj
C-PSPiC-P±C-C,PscḡPsPj C,PëCḡPsP·PëPSPeC-PSP°P·Pë (P†PÿPḡ) CḡPμC†PμPīC,PscḡC-PI
C,,P°PeC,PscḡP° CḡPsCf'C,Cf' PμPSPPrPsC,PμP»C-Cḡ Cf'Cf'PrPëPS [Vascular Endothelial Growth
Factor Receptors, VEGFR]-1, -2 C- -3, CḡPμC†PμPīC,PscḡC-PI C,CḡPsPjP±PsC†PëC,P°CḡPSPsPiPs
C,,P°PeC,PscḡP° CḡPsCf'C,Cf' [Platelet-Derived Growth Factor Receptors, PDGFR]-α C- β C,P°
CḡPμC†PμPīC,PscḡP° C,,P°PeC,PscḡP° Cf'C,PSPiP±Cf'CḡPsPIPëC... PeP»C-C,PëPS (c-KIT),
PrP»Cḡ CḡPePëC... IC₅₀ PīCḡPμPīP°CḡP°C,Cf' Cf'C,P°PSPsPIPëC,CH 10, 30, 47, 71, 84 C,P°
74 PSPjPsP»CHḡ/PjP» PIC-PrPīPsPIC-PrPSPs. PμC-Pr C#P°Cf' PrPsPeP»C-PSC-C#PSPëC...
PμPeCf'PīPμCḡPëPjPμPSC,P°P»CHḡPSPëC... PrPsCf'P»C-PrPḡPμPSCḡ PīP°P·PsPīP°PSC-P±
PrPsP·PsP·P°P»PμPḡPSPs C-PSPiC-P±Cf'PIP°PI P»C-PiP°PSPr-C-PSPrCf'PePsPIP°PSPμ
P°Cf'C,Psc,,Pscf'C,,PscḡPëP»CḡPIP°PSPSCḡ CḡPμC†PμPīC,PscḡC-PI VEGFR-2, c-Kit C,P° PDGFR-
β Cf' PeP»C-C,PëPSP°C.... PμC-Pr C#P°Cf' PrPsCf'P»C-PrPḡPμPSCḡ
in vivo PīP°P·PsPīP°PSC-P± C-PSPiC-P±Cf'PIP°PI VEGF-C-PSPrCf'PePsPIP°PSPμ VEGFR-2
C,,Pscf'C,,PscḡPëP»CḡPIP°PSPSCḡ PI P»PμPiPμPSCḡC... C,PIP°CḡPëPS, P°PSPiC-PsPiPμPSPμP·
Cf' C,PIP°CḡPëPS Cf' CḡC-P·PSPëC... PμPeCf'PīPμCḡPëPjPμPSC,P°P»CHḡPSPëC...
PjPsPrPμP»CḡC... C,P° CḡC-Cf'C, PjPSPsPḡPëPSPSPëC...
PeCf'PμPSPsC,CḡP°PSCf'PīP»P°PSC,P°C,C-PI PīCf'C...P»PëPSPë P»CḡPrPëPSPë Cf' C,PIP°CḡPëPS.

PαP°CḡPjP°PePsPiPμPSPsPjC-PeP°

PJ C,,P°CḡPjP°PePsPiPμPSPμC,PëC#PSPsPjCf' PjPμC,P°P°PSP°P»C-P·C- PrP°PSPëC... 31
PeP»C-PSC-C#PSPsPiPs PrPsCf'P»C-PrPḡPμPSPSCḡ PīP°P·PsPīP°PSC-P±Cf', CḡPePëPḡ
PīCḡPëP·PSP°C#PëP»Pë CḡPe PjPsPSPsC,PμCḡP°PīC-Cḡ P°P±Ps Cf'Cf'PjC-Cf'PSPs P·
C-PSCḡPëPjPë PīCḡPμPīP°CḡP°C,P°PjPë, Cf' 19 % PīP°C†C-C" PSC,C-PI P· HLA-B*57:01
P°P»PμP»PμPj C,P° Cf' 10 % PīP°C†C-C" PSC,C-PI P±PμP· PSCḡPsPiPs
Cf'PīPsCf'C,PμCḡC-PiP°P»Pë CḡC-PIPμPSCḡ
P°P»P°PSC-PSP°PjC-PSPsC,CḡP°PSCf'C,,PμCḡP°P·Pë (PḡP·Pÿ), Cf'
5 CḡP°P·C-PI PIPëC%PëPḡ P·P° PIPμCḡC...PSCḡ PjPμPḡCf' PSPsCḡPjPë (P'PḡPḡ) (3
Cf'C,Cf'PīC-PSCḡ), 133 P· 2235 PīP°C†C-C" PSC,C-PI PIPeP°P·P°PSPëC... PIPëC%Pμ
PeP»C-PSC-C#PSPëC... PrPsCf'P»C-PrPḡPμPSCḡ PjP°P»Pë HLA-B*57:01 P°P»PμP»CHḡ (PrPëPI.
CḡPsP·PrC-P» B«PḡCf'PsP±P»PëPIPsCf'C,C- P·P°Cf'C,Pscf'Cf'PIP°PSPSCḡB»).B B B B B **B**

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PḡP±Cf'PsCḡP±C†C-Cḡ

PμC-Cf'P»Cḡ PīPμCḡPsCḡP°P»CHḡPSPsPiPs PīCḡPëPḡPsPjCf' CḡP°P·PsPIPsC— PrPsP·Pë
PīP°P·PsPīP°PSC-P±Cf' 800 PjPi PīP°C†C-C" PSC,P°PjPë P· Cf'PsP»C-PrPSPëPjPë
PīCf'C...P»PëPSP°PjPë C_{max} PīCḡPëP±P»PëP·PSPs 19 B± 13 PjPePi/PjP» PI PīP»P°P·PjC-
PeCḡPsPIC- PrPsCf'CḡPīP°C" C,CHḡCf'Cḡ PI Cf'PμCḡPμPrPSCḡPsPjCf' C#PμCḡPμP·
3,5 PiPsPrPëPSPë (PrC-P°PīP°P·PsPs: 1,0-11,9 PiPsPrPëPS), P°B P·PSP°C#PμPSPSCḡ AUC_(0-∞)
Cf'C,P°PSPsPIPëC,CHḡ PīCḡPëP±P»PëP·PSPs 650 B± 500 PjPePi×PiPsPr/PjP». P©PsPrPμPSPSPëPḡ
PīCḡPëPḡPsPj PīCḡPμPīP°CḡP°C,Cf' P·Cf'PjPsPIP»CḡC" P·CḡPsCf'C,P°PSPSCḡ AUC_(0-T) PI 1,23-4
CḡP°P·Pë. PμCḡPë P·P±C-P»CHḡCḡPμPSPSC- PrPsP·Pë P'PsC,CḡC-C" PSC,Cf'^{PÿPḡ} PīPsPSP°Pr 800
PjPi PIC-PrPīPsPIC-PrPSPμ P·CḡPsCf'C,P°PSPSCḡ AUC C,P° C_{max} PIC-PrCf'Cf'C,PSC".

$P\ddot{Y}P\acute{e}C\acute{I}C, P_{\mu}P_jPSP_{\mu} PIC\acute{I}P_jPsPeC, C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} P\cdot C\grave{H}PsC\acute{I}C, P^{\circ}C'',$
 $C\dot{I}PeC\%_{\circ}Ps PIC-PS P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}P_jP^{\circ}C''C, CHC\acute{I}C\dot{I} C\grave{H}P^{\circ}P\cdot PsP_j P\cdot C-P\P P_{\mu}C\grave{H}.$
 $P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} P'PsC, C\grave{H}C-C''PSC, C\acute{r}^{P\ddot{Y}P\grave{H}} C\grave{H}P^{\circ}P\cdot PsP_j C-P\cdot C-P\P P_{\mu}C\grave{H} P\cdot$
 $PIP\acute{e}C\acute{I}PsPeP\acute{e}P_j P^{\circ}P\pm Ps PSP\acute{e}P\cdot CHPeP\acute{e}P_j PIP_jC-C\acute{I}C, PsP_j P\P P\acute{e}C\grave{H}C-PI P\cdot C\acute{r}P_jPsPIP\rangle C\grave{H}C''$
 $P\cdot P\pm C-P\rangle CHC\acute{e}P_{\mu}PSPSC\dot{I} PN\acute{e}PsPiPs AUC C, P^{\circ} C_{\max} P\ddot{I}C\grave{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PI 2 C\grave{H}P^{\circ}P\cdot P\acute{e}. P\ddot{Y}PsP_jC\acute{r}$
 $P'PsC, C\grave{H}C-C''PSC, ^{P\ddot{Y}P\grave{H}} P\ddot{I}PsPIP\acute{e}PSP_{\mu}PS P\ddot{I}C\grave{H}P\acute{e}P\cdot PSP^{\circ}C\ddagger P^{\circ}C, P\acute{e}C\acute{I}C\dot{I} P\ddot{I}C\grave{H}P\acute{e}PSP^{\circ}PN\acute{e}P_jPSC- P\cdot P^{\circ} 1$
 $PiPsPrP\acute{e}PSC\acute{r} PrPs P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PsP_jC\acute{r} C-P\P C- P^{\circ}P\pm Ps C\ddagger P_{\mu}C\grave{H}P_{\mu}P\cdot 2 PiPsPrP\acute{e}PSP\acute{e} P\ddot{I}C-C\acute{I}P\rangle C\dot{I}$
 $PSCHPsPiPs (PrP\acute{e}PI. C\grave{H}PsP\cdot PrC-P\rangle B\langle P\ddot{Y}PiPsC\acute{I}C-P\pm P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} C, P^{\circ}$
 $PrPsP\cdot P\acute{e}B\rangle).$

$P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} PsPrPSC-C''C- P\ddot{I}PsPrC\grave{H}C-P\pm PSP_{\mu}PSPsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} 400 P_jPi P\cdot P\pm C-P\rangle CHC\acute{e}C\acute{r}PIP^{\circ}P\rangle Ps AUC_{(0-72)} PSP^{\circ} 46 \% C, P^{\circ} C_{\max}$
 $P\ddot{I}C\grave{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PI 2 C\grave{H}P^{\circ}P\cdot P\acute{e} C- P\cdot P_jP_{\mu}PSC\acute{e}C\acute{r}PIP^{\circ}P\rangle Ps t_{\max} P\ddot{I}C\grave{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PSP^{\circ} 2$
 $PiPsPrP\acute{e}PSP\acute{e} P\ddot{I}PsC\grave{H}C-PIPSC\dot{I}PSPs P\cdot P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PsP_jPsP_j C\ddagger C-P\rangle PsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r}. P\dot{I}C- PrP^{\circ}PSC- C\acute{I}PIC-PrC\ddagger P^{\circ}C, CH P\ddot{I}C\grave{H}Ps C, P_{\mu}, C\%_{\circ}Ps$
 $P\pm C-PsPrPsC\acute{I}C, C\acute{r}P\ddot{I}PSC-C\acute{I}C, CH P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} C, P^{\circ} C\grave{H}C-PIP_{\mu}PSC\grave{H} PN\acute{e}PsPiPs$
 $P^{\circ}P\pm C\acute{I}PsC\grave{H}P\pm C\ddagger C-C- P\ddot{I}C\grave{H}P\acute{e} P\ddot{I}P_{\mu}C\grave{H}PsC\grave{H}P^{\circ}P\rangle CHPSPsP_jC\acute{r} P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PsP_jC-$
 $P\cdot C\grave{H}PsC\acute{I}C, P^{\circ}C\grave{H}C, CH P\ddot{I}C-C\acute{I}P\rangle C\dot{I} P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}PsPrC\grave{H}C-P\pm PSP_{\mu}PSPsC-$
 $C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e} P\ddot{I}PsC\grave{H}C-PIPSC\dot{I}PSPs P\cdot P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PsP_jPsP_j C\ddagger C-P\rangle PsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r}. P_j P\cdot P\ddot{I}P\grave{H}^{\text{TM}} C\dot{I}P\cdot PeC\acute{r} P\cdot C\ddagger P\acute{e}P_j, P\pm P_{\mu}C\grave{H}C\acute{r}C\ddagger P\acute{e} PrPs C\acute{r}PIP^{\circ}PiP\acute{e} C, P^{\circ}PeP_{\mu}$
 $P_jPsP\P P\rangle P\acute{e}PIP_{\mu} P\cdot P\pm C-P\rangle CHC\acute{e}P_{\mu}PSPSC\dot{I} PIC\acute{I}P_jPsPeC, C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r},$
 $C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e} P'PsC, C\grave{H}C-C''PSC, C\acute{r}^{P\ddot{Y}P\grave{H}} PSP_{\mu} P\ddot{I}PsC, C\grave{H}C-P\pm PSPs$
 $P\ddot{I}PsPrC\grave{H}C-P\pm PSC\grave{H}PIP^{\circ}C, P\acute{e} (PrP\acute{e}PI. C\grave{H}PsP\cdot PrC-P\rangle B\langle P\ddot{Y}PiPsC\acute{I}C-P\pm$
 $P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} C, P^{\circ} PrPsP\cdot P\acute{e}B\rangle).$

P PsP·PiPsPrC-P»

$P-P\ddot{I}P\grave{H}^{\text{TM}} C\dot{I}P\cdot C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} P\cdot P\pm C-P\rangle PeP^{\circ}P_jP\acute{e} P\ddot{I}P\rangle P^{\circ}P\cdot P_jP\acute{e}$
 $PeC\grave{H}PsPIC- C\acute{r} P\rangle CHPrP\acute{e}PSP\acute{e} in vivo C\acute{I}C, P^{\circ}PSPsPIP\acute{e}P\rangle Ps P\ddot{I}PsPSP^{\circ}Pr 99 \%$
 $PSP_{\mu}P\cdot P^{\circ}P\rangle P_{\mu}P\P PSPs PIC-Pr PePsPSC\ddagger P_{\mu}PSC, C\grave{H}P^{\circ}C\ddagger C-C- P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r} PI PeC\grave{H}PsPIC-$
 $PI P_jP_{\mu}P\P P^{\circ}C... PrC-P^{\circ}P\ddot{I}P^{\circ}P\cdot PsPSC\acute{r} PePsPSC\ddagger P_{\mu}PSC, C\grave{H}P^{\circ}C\ddagger C-PN\acute{e} 10-100 P_jPePi/P_jP\rangle.$
 $P''PsC\acute{I}P\rangle C-PrP\P P_{\mu}PSPSC\dot{I} in vitro P\ddot{I}PsPeP^{\circ}P\cdot P^{\circ}P\rangle P\acute{e}, C\%_{\circ}Ps P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C''$
 $C\acute{I}C\acute{r}P\pm C\acute{I}C, C\grave{H}P^{\circ}C, PsP_j PrP\rangle C\dot{I} PiP\rangle C-PePsP\ddot{I}C\grave{H}PsC, P_{\mu}C-PSC\acute{r} P (P-gp) C, P^{\circ}$
 $P\pm C-P\rangle PeP^{\circ} C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C, P_{\mu}PSC, PSPsC\acute{I}C, C- C\grave{H}P^{\circ}PeC\acute{r} P_jPsP\rangle PsC\ddagger PSPsC-$
 $P\cdot P^{\circ}P\rangle PsP\cdot P\acute{e} [Breast Cancer Resistance Protein, BCRP].$

P_HP_μC, P[°]P_±PsP»C-P·P_j

$P P_{\mu}P\cdot C\acute{r}P\rangle CHC, P^{\circ}C, P\acute{e} PrPsC\acute{I}P\rangle C-PrP\P P_{\mu}PSC\grave{H} in vitro P\ddot{I}C\grave{H}PsPrP_{\mu}P_jPsPSC\acute{I}C, C\grave{H}C\acute{r}PIP^{\circ}P\rangle P\acute{e},$
 $C\%_{\circ}Ps P_jP_{\mu}C, P^{\circ}P\pm PsP\rangle C-P\cdot P_j P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} PsP\ddot{I}PsC\acute{I}P_{\mu}C\grave{H}P_{\mu}PrPePsPIP^{\circ}PSP\acute{e}PN\acute{e}$
 $P\ddot{I}P_{\mu}C\grave{H}P_{\mu}PIP^{\circ}P\P PSPs CYP3A4 P\cdot P^{\circ} PSP_{\mu}P\cdot PSP^{\circ}C\ddagger PSPsC\grave{H} C\acute{r}C\ddagger P^{\circ}C\acute{I}C, CH CYP1A2 C, P^{\circ} CYP2C8.$

P·P»C-P_jC-PSP[°]C†C-C_μ

$P_{\mu}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm PIP\acute{e}PIP_sPrP\acute{e}C, CHC\acute{I}C\dot{I} P\cdot PsC\grave{H}PiP^{\circ}PSC-P\cdot P_jC\acute{r} P\ddot{I}PsPIC-P\rangle CHPSPs, P\cdot$
 $C\acute{I}P_{\mu}C\grave{H}P_{\mu}PrPSC-P_j P\ddot{I}P_{\mu}C\grave{H}C-PsPrPsP_j PSP^{\circ}P\ddot{I}C-PIPIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I} 30,9 PiPsPrP\acute{e}PSP\acute{e}$
 $P\ddot{I}C-C\acute{I}P\rangle C\dot{I} P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PsP_jC\acute{r} C\grave{H}P_{\mu}PePsP_jP_{\mu}PSPPrPsPIP^{\circ}PSPsC- PrPsP\cdot P\acute{e} 800 P_jPi.$
 $P\cdot P\rangle C-P_jC-PSP^{\circ}C\ddagger C-C\dot{I} P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r} PIC-PrP\pm C\acute{r}PIP^{\circ}C''C, CHC\acute{I}C\dot{I}$
 $P\ddot{I}P_{\mu}C\grave{H}P_{\mu}PIP^{\circ}P\P PSPs P\cdot PeP^{\circ}P\rangle PsP_j, P\ddot{I}C\grave{H}P\acute{e} C\ddagger CHPsP_jC\acute{r} PIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I}$
 $P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r} PSP\acute{e}C\grave{H}PeP^{\circ}P_jP\acute{e} C\acute{I}C, P^{\circ}PSPsPIP\acute{e}C, CH < 4 \% PIC-Pr$
 $P\ddot{I}C\grave{H}P\acute{e}PN\acute{e}PSC\dot{I}C, PsC- PrPsP\cdot P\acute{e}.$

$P' \cdot C\bar{H}P_{\mu}P \cdot C\bar{r}P \gg CHC, P^{\circ}C, C - PsPrPSPsC\bar{r}P^{\circ}C\bar{r}PSPsPiPs \cdot P \cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{r}$
 $PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r}) \cdot P \cdot C\bar{r}P\bar{e}P \gg CHPSP\bar{e}Pj \text{ CYP3A4 } C, P^{\circ} P\text{-gp}$
 $C - PSPiC - P \pm C - C, PsC\bar{H}PsPj \text{ PePu}C, PsPePsPSP^{\circ}P \cdot PsP \gg PsPj \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r})$
 $PiC\bar{H}PsC, C\bar{r}PiPsPj \text{ 5 } PrPSC - PI \text{ } PiPsC\bar{r}PiC - P \gg CH \cdot P \cdot P \pm C - P \gg CHC\bar{e}C\bar{r}C\bar{H}C, CHC\bar{r}C\bar{r}C\bar{r}$
 $C\bar{r}P_{\mu}C\bar{H}P_{\mu}PrPSC - P \cdot PSP^{\circ}C\bar{r}P_{\mu}PSPSC\bar{r} \text{ AUC}_{(0-24)} C, P^{\circ} P\check{Y}_{\max} PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} PSP^{\circ} 66 \% C, P^{\circ}$
 $45 \% B \text{ } PIC - PrPiPsPIC - PrPSPs \text{ } C\bar{r} \text{ } PiPsC\bar{H}C - PIPSC\bar{r}PSPSC - C - P \cdot P \cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{r}Pj$
 $PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r} \text{ } PiC\bar{H}PsC, C\bar{r}PiPsPj \text{ 7 } PrPSC - PI)$
 $PsPeC\bar{H}P_{\mu}PjPs. \text{ AUC } C, P^{\circ} P\check{Y}_{\max} PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \cdot P \cdot P \pm C - P \gg CHC\bar{e}C\bar{r}C\bar{H}C, CHC\bar{r}C\bar{r}C\bar{r}$
 $PjP_{\mu}PSC\bar{e}PsC\bar{H} \text{ } PjC - C\bar{H}PsC\bar{H} \text{ } PiC\bar{H}PsPiPsC\bar{H}C\bar{r}C - PN_{\bar{e}}PSPs \cdot P \cdot P \pm C - P \gg CHC\bar{e}P_{\mu}PSPSC\bar{H} \text{ } PrPsP \cdot P\bar{e} \text{ } C\bar{r}$
 $PjP_{\mu}P \text{ } P^{\circ}C... \text{ } PIC - Pr \text{ 50 } PjPi \text{ } PrPs \text{ 2000 } PjPi. \text{ } P\check{Y}PsPjC\bar{r} \text{ } PI \text{ } C\bar{H}P_{\mu}P \cdot C\bar{r}P \gg CHC, P^{\circ}C, C -$
 $P \cdot PjPuPSC\bar{e}PuPSPSC\bar{r} \text{ } PrPsP \cdot P\bar{e} \text{ } PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ } PrPs \text{ 400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r} \text{ } C\bar{r}$

PtPSPPrCrPeC,PsCtjPë CYP3A4, C,P°PeC- ClPe CtjPëC,,P°PjPiC-CtPëPS, PjPsP¶CrC,CH P·PSPëP¶CrPIP°C,Pë PePsPSCtPµPSC,CtjP°CtC-CH PïP°P·PsPiP°PSC-P±Cr PI PïP»P°P·PjC- PeCtjPsPIC-. PhPrPSPScP°CtPSPµ P·P°CtC,PsCtCrPIP°PSPSCl PïP°P·PsPiP°PSC-P±Cr P· PïPsC,CrP¶PSPëPjPë C-PSPrCrPeC,PsCtjP°PjPë P-gp P°P±Ps BCRP PjPsP¶Pµ P·PjC-PSPëC,Pë PµPeCtPïPsP·PëCtC-CH C,P° CtjPsP·PiPsPrC-P» PïP°P·PsPiP°PSC-P±Cr, PIPeP»CHCtP°CHCtPë CtjPsP·PiPsPrC-P» Cr PIC-PrPrC-P»P°C... CtPµPSC,CtjP°P»CHPSPSc— PSPµCtjPIPSPiPsC— CtPëCtC,PµPjPë. P PµPePsPjPµPSPrPsPIP°PSPs PiC-PrP±PëCtjP°C,Pë PrP»Cl CtCtPiCrC,PSCHPsC— C,PµCtjP°PiC-C— P°P»CHC,PµCtjPSP°C,PëPIPSC- P»C-PeP°CtjCtCHPeC- P·P°CtPSP±Pë Btj“ P· PIC-PrCtCrC,PSCHPsCH P°P±Ps PjC-PSC-PjP°P»CHPSPScH C-PSPrCrPeCtCHCtPsCH PrC-C”CH PSP° CtPµPNë C,,PµCtjPjPµPSC,,.

P'PiP»PëPI P'PsC,CtjC-C”PSC,Ct^{PjPb} PSP° C-PSC€C- P»C-PeP°CtjCtCHPeC- P·P°CtPSP±Pë

P”PsCtP»C-PrP¶PµPSPSCl *in vitro* P· PiPµCtC-PSPePsPIPëPjPë PjC-PeCtjPsCtPSPjP°PjPë P»CHPrPëPSPë PïPsPeP°P·P°P»Pë, C%Ps PïP°P·PsPiP°PSC-P± C-PSPiC-P±CrC” CYP- C,,PµCtjPjPµPSC,Pë 1A2, 3A4, 2B6, 2C8, 2C9, 2C19 C,P° 2E1. PµC-Pr CtP°Ct PrPsCtP»C-PrP¶PµPSPSCl *in vitro* P· PeC-P»CHPeC-CtPSPëPj PIPëP·PSP°CtPµPSPSClPj PiCtjPµPiPSP°PS-PI-CtjPµCtPµPiC,PsCtjCr [Pregnane X Receptor, PXR] P»CHPrPëPSPë P±CrP»Ps PiCtjPsPrPµPjPsPSCtC,CtjPsPIP°PSPs PiPsC,PµPSCtC-PNëPSCr C-PSPrCrPeCtCHCtCr PrC-CH PiCtjPµPiP°CtjP°C,Cr PSP° CYP3A4 P»CHPrPëPSPë. PµP»C-PSC-CtPSC- C,,P°CtjPjP°PePsP»PsPiC-CtPSC- PrPsCtP»C-PrP¶PµPSPSCl, PI ClPePëC... P'PsC,CtjC-C”PSC, ^{PjPb} PiCtjPëP·PSP°CtP°PICtCl PïPs 800 PjPi 1 CtjP°P· PSP° PrPsP±Cr, PïPsPeP°P·P°P»Pë, C%Ps P'PsC,CtjC-C”PSC, ^{PjPb} PSPµ PjP°C” PeP»C-PSC-CtPSPs P·PSP°CtCrC%PsPiPs PIPiP»PëPICr PSP° C,,P°CtjPjP°PePsPeC-PSPµC,PëPeCr PePsC,,PµC—PSCr (PjP°CtjPePµCtjPSPëPNë CtCrP±CtC,CtjP°C, CYP1A2), PIP°CtjC,,P°CtjPëPSCr (PjP°CtjPePµCtjPSPëPNë CtCrP±CtC,CtjP°C, CYP2C9) P°P±Ps PsPjPµPiCtjP°P·PsP»Cr (PjP°CtjPePµCtjPSPëPNë CtCrP±CtC,CtjP°C, CYP2C19) PI PsPSPePsP»PsPiC-CtPSPëC... PïP°CtC-C”PSC,C-PI. P'PsC,CtjC-C”PSC, ^{PjPb} P·CrPjPsPIP»CHC” P·P±C-P»CHC€PµPSPSCl CtPµCtjPµPrPSCHPsC— AUC C,P° C_{max} PjC-PrP°P·PsP»P°PjCr (PjP°CtjPePµCtjPSPëPNë CtCrP±CtC,CtjP°C, CYP3A4) PiCtjPëP±P»PëP·PSPs PSP° 30 %, P° C,P°PePsP¶ PiC-PrPIPëC%PµPSPSCl PSP° 33-64 % CtPiC-PIPIC-PrPSPSc€PµPSPSCl PePsPSCtPµPSC,CtjP°CtC-C— PrPµPeCtC,CtjPsPjPµC,PsCtjC,,P°PSCr PrPs PePsPSCtPµPSC,CtjP°CtC-C— PNëPsPiPs P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,Cr PrPµPeCtC,CtjPsCtjC,,P°PSCr Cr CtPµCtC- PiC-CtP»Cl PïPµCtjPsCtjP°P»CHPSPsPiPs PiCtjPëPNëPsPjCr PrPµPeCtC,CtjPsPjPµC,PsCtjC,,P°PSCr (PjP°CtjPePµCtjPSPëPNë CtCrP±CtC,CtjP°C, CYP2D6). PµPsPjP±C-PSPsPIP°PSPµ P·P°CtC,PsCtCrPIP°PSPSCl P'PsC,CtjC-C”PSC,Cr^{PjPb} PïPs 800 PjPi 1 CtjP°P· PSP° PrPsP±Cr C,P° PïP°PeP»C-C,P°PeCtPµP»Cr (CtCrP±CtC,CtjP°C, CYP3A4 C,P° CYP2C8) 80 PjPi/Pj² 1 CtjP°P· PSP° C,PëP¶PrPµPSCH PiCtjPëP·PIPPrPëC,CH PrPs PiC-PrPIPëC%PµPSPSCl AUC C,P° C_{max} PïP°PeP»C-C,P°PeCtPµP»Cr PI CtPµCtjPµPrPSCHPsPjCr PSP° 26 % C,P° 31 % PIC-PrPïPsPIC-PrPSPs.

PµP°P·PsPiP°PSC-P± CtP»C-Pr P· PsP±PµCtjPµP¶PSC-CtC,CH P·P°CtC,PsCtPsPICrPIP°C,Pë PsPrPSPScP°CtPSPs P· C-PSC€PëPjPë PïPµCtjPsCtjP°P»CHPSPëPjPë CtCrP±CtC,CtjP°C,P°PjPë BCRP C,P° P-gp, PICtjP°C...PsPICrCHCtPë PNëPsPiPs C-PSPiC-P±C-C,PsCtjPSPëPNë PIPiP»PëPI PSP° CtC- P±C-P»PePë.

P”PsCtP»C-PrP¶PµPSPSCl *in vitro* C,P°PePsP¶ PiCtjPsPrPµPjPsPSCtC,CtjCrPIP°P»Pë, C%Ps PïP°P·PsPiP°PSC-P± C” PïPsC,PµPSCtC-PNëPSPëPj C-PSPiC-P±C-C,PsCtjPsPj C,CtjP°PSCtPïPsCtjC,PSPëC... P±C-P»PeC-PI UGT1A1 C,P° OATP1B1. PµP°P·PsPiP°PSC-P± PjPsP¶Pµ P·P±C-P»CHC€CrPIP°C,Pë PePsPSCtPµPSC,CtjP°CtC-CH P»C-PeP°CtjCtCHPePëC...

P·P°CÍPSP±C-PI, CÍPec- PμP»C-PjC-PSCrCĤC,CHCÍCÍ PíPμCĤPμPIP°P¶PSPs P·P°PIPrCÍPecPë
UGT1A1 C,P° OATP1B1.

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PSC,CÍ^{PŸPĥ} C,P°
CÍPëPjPIP°CÍC,P°C,PëPSCr P·P±C-P»CHC€CÍC" C±P°CÍC,PsC,Cr PíC-PrPIPëC%PμPSPSCÍ
CĤC-PIPSCÍ PĥP·PŸ. PμC-Pr C±P°CÍ PēP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ
PjPsPSPsC,PμCĤP°PíC-C— P'PsC,CĤC-C"PSC,PsPj^{PŸPĥ} P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ
PĥP·PŸ Cr 3 CĤP°P·Pë PIPëC%Pμ P'PĥPĥ CÍPíPsCÍC,PμCĤC-PiP°P»PsCÍCĤ Cr 126 C-P· 895
PíP°C†C-C"PSC,C-PI (14 %), CÍPec- PSPμ PíCĤPëPNēPjP°P»Pë CÍC,P°C,PëPSPë,
PíPsCĤC-PIPSCÍPSPs P· 11 C-P· 41 PíP°C†C-C"PSC,P° (27 %), CÍPec- CÍCíPíCíC,PSCHPs
PíCĤPëPNēPjP°P»Pë CÍPëPjPIP°CÍC,P°C,PëPS. PíPec%Ps Cr C...PIPSCĤPsPiPs, CÍPecPëPNē CÍPec
CÍCíPíCíC,PSC-PNē PíCĤPμPíP°CĤP°C, PíCĤPëPNēPjP°C" CÍPëPjPIP°CÍC,P°C,PëPS,
PIPëPSPëPēPSPμ P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ PĥP·PŸ, CÍP»C-Pr
PēPμCĤCíPIP°C,PëCÍCÍ CĤPμPēPsPjPμPSPrP°C†C-CÍPjPë P· PrPsP·CíPIP°PSPSCÍ
P'PsC,CĤC-C"PSC,CÍ^{PŸPĥ} C,P° PíCĤPëPíPēPSPëC,Pë P·P°CÍC,PsCÍCíPIP°PSPSCÍ
CÍPëPjPIP°CÍC,P°C,PëPSCr (PrPëPI. CĤPsP·PrC-P» B«PĥCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCÍB»). PŸP»C-Pr P· PsP±PμCĤPμP¶PSC-CÍC,CĤ
P·P°CÍC,PsCÍPsPICíPIP°C,Pë P'PsC,CĤC-C"PSC,^{PŸPĥ} P· C-PSC€PëPjPë CÍC,P°C,PëPSP°PjPë,
PsCÍPec-P»CHPēPë PrP°PSPëC... CÍC,PsCÍPsPIPSPs PsC†C-PSPēPë CĤPëP·PëPecr PrP»CÍ
C,P°PēPëC... PēPsPjP±C-PSP°C†C-PNē PSPμPrPsCÍC,P°C,PSCHPs.

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PSC,CÍ^{PŸPĥ} C,P°
CÍPëPjPIP°CÍC,P°C,PëPSCr P·P±C-P»CHC€CÍC" C±P°CÍC,PsC,Cr PíC-PrPIPëC%PμPSPSCÍ
CĤC-PIPSCÍ PĥP·PŸ. PμC-Pr C±P°CÍ PēP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ
PjPsPSPsC,PμCĤP°PíC-C— P'PsC,CĤC-C"PSC,PsPj^{PŸPĥ} P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ
PĥP·PŸ Cr 3 CĤP°P·Pë PIPëC%Pμ P'PĥPĥ CÍPíPsCÍC,PμCĤC-PiP°P»PsCÍCĤ Cr 126 C-P· 895
PíP°C†C-C"PSC,C-PI (14 %), CÍPec- PSPμ PíCĤPëPNēPjP°P»Pë CÍC,P°C,PëPSPë,
PíPsCĤC-PIPSCÍPSPs P· 11 C-P· 41 PíP°C†C-C"PSC,P° (27 %), CÍPec- CÍCíPíCíC,PSCHPs
PíCĤPëPNēPjP°P»Pë CÍPëPjPIP°CÍC,P°C,PëPS. PíPec%Ps Cr C...PIPSCĤPsPiPs, CÍPecPëPNē CÍPec
CÍCíPíCíC,PSC-PNē PíCĤPμPíP°CĤP°C, PíCĤPëPNēPjP°C" CÍPëPjPIP°CÍC,P°C,PëPS,
PIPëPSPëPēPSPμ P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ PĥP·PŸ, CÍP»C-Pr
PēPμCĤCíPIP°C,PëCÍCÍ CĤPμPēPsPjPμPSPrP°C†C-CÍPjPë P· PrPsP·CíPIP°PSPSCÍ
P'PsC,CĤC-C"PSC,CÍ^{PŸPĥ} C,P° PíCĤPëPíPēPSPëC,Pë P·P°CÍC,PsCÍCíPIP°PSPSCÍ
CÍPëPjPIP°CÍC,P°C,PëPSCr (PrPëPI. CĤPsP·PrC-P» B«PĥCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCÍB»). PŸP»C-Pr P· PsP±PμCĤPμP¶PSC-CÍC,CĤ
P·P°CÍC,PsCÍPsPICíPIP°C,Pë P'PsC,CĤC-C"PSC,^{PŸPĥ} P· C-PSC€PëPjPë CÍC,P°C,PëPSP°PjPë,
PsCÍPec-P»CHPēPë PrP°PSPëC... CÍC,PsCÍPsPIPSPs PsC†C-PSPēPë CĤPëP·PëPecr PrP»CÍ
C,P°PēPëC... PēPsPjP±C-PSP°C†C-PNē PSPμPrPsCÍC,P°C,PSCHPs.

P'PíP»PëPI C—P¶C- PSP° P'PsC,CĤC-C"PSC,^{PŸPĥ}

P—P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PSC,CÍ^{PŸPĥ} CĤP°P·PsPj C-P· C—P¶PμCĤ P·
PIPëCÍPsPēPj P°P±Ps PSPëP·CHPēPēPj PIPjC-CÍC,PsPj P¶PëCĤC-PI P·CíPjPsPIP»CĤC"
P·P±C-P»CHC€PμPSPSCÍ PNēPsPiPs AUC C,P° C_{max} PíCĤPëP±P»PëP·PSPs PI 2 CĤP°P·Pë.
PSPμCĤPμP· C†Pμ P'PsC,CĤC-C"PSC,^{PŸPĥ} PíPsPIPëPSPμPS PíCĤPëP·PSP°C±P°C,PëCÍCÍ
PíCĤPëPSP°PNēPjPSC- P·P° 1 PíPsPrPëPSCr PrPs PíCĤPëPNēPsPjCr C—P¶C- P°P±Ps C±PμCĤPμP· 2
PíPsPrPëPSPë PíC-CÍP»CÍ PSCHPsPiPs (PrPëPI. CĤPsP·PrC-P» B«PŸPíPsCÍC-P±
P·P°CÍC,PsCÍCíPIP°PSPSCÍ C,P° PrPsP·PëB»).

P>C-PēP°CĤCÍCHPēC- P·P°CÍPsP±Pë, C%Ps PIPíP»PëPIP°CĤC,CH PSP° CĤPĥ C€P»CíPSPēP°

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ PíP°P·PsPíP°PSC-P±Cí P·
PμP·PsPjPμPíCĤP°P·PsP»PsPj P·PjPμPSC€CÍC" P±C-PsPrPsCÍC,CíPíPSC-CÍC,CH
PíP°P·PsPíP°PSC-P±Cí PíCĤPëP±P»PëP·PSPs PSP° 40 % (AUC C,P° C_{max}), C,PsPjCr CÍP»C-Pr
CíPSPëPēP°C,Pë P·P°CÍC,PsCÍCíPIP°PSPSCÍ PíP°P·PsPíP°PSC-P±Cí CĤP°P·PsPj P·
P»C-PēP°CĤCÍCHPēPēPjPë P·P°CÍPsP±P°PjPë, C%Ps PíC-PrPIPëC%CrCĤC,CH CĤPĥ
C€P»CíPSPēP°. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- CÍCíPjC-CÍPSPsPiPs
P·P°CÍC,PsCÍCíPIP°PSPSCÍ P· C-PSPiC-P±C-C,PsCĤPsPj PíCĤPsC,PsPSPSPsPiPs PSP°CÍPsCÍP°
CĤPμPēPsPjPμPSPrCíC"C,CHCÍCÍ PrPsP·Cí PíP°P·PsPíP°PSC-P±Cí PíCĤPëPNēPjP°C,Pë 1 CĤP°P·
PSP° PrPμPSCĤ P±PμP· C—P¶C- PIPiPμC†PμCĤC- CĤP°P·PsPj P· C-PSPiC-P±C-C,PsCĤPsPj
PíCĤPsC,PsPSPSPsPiPs PSP°CÍPsCÍP°. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C-
CÍCíPjC-CÍPSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ P· P°PSC,P°PiPsPSC-CÍC,PsPj
Pĥ₂-CĤPμC†PμPíC,PsCĤP° CĤPμPēPsPjPμPSPrCíC"C,CHCÍCÍ PrPsP·Cí PíP°P·PsPíP°PSC-P±Cí
PíCĤPëPNēPjP°C,Pë P±PμP· C—P¶C- C...PsC±P° P± P·P° 2 PíPsPrPëPSPë PrPs P°P±Ps C±PμCĤPμP·
10 PíPsPrPëPS PíC-CÍP»CÍ PíCĤPëPNēPsPjCr P°PSC,P°PiPsPSC-CÍC,P° Pĥ₂-CĤPμC†PμPíC,PsCĤP°.
PμP°P·PsPíP°PSC-P± CÍP»C-Pr PíCĤPëPNēPjP°C,Pë C...PsC±P° P± P·P° 1 PíPsPrPëPSCr PrPs

P°P±Ps C‡PμCḡPμP· 2 PiPsPrPëPSPë PïC-CíP»Cıı PïCḡPëPNëPsPjCı
PePsCḡPsC,PePsPrC-CḡC‡PëC... P°PSC,P°C‡PëPrC-PI.

$$PhC\dot{I}P_sP_{\pm}P \gg P\ddot{e}PIPsC\dot{I}C,C- P \cdot P^{\circ}C\dot{I}C,P_sC\dot{I}C\acute{z}PIP^{\circ}PSPSC\dot{I}.$$
$$P'P\ddot{I}P \gg P\ddot{e}PI \quad PSP^\circ \quad P\ddot{I}P_{\mu}C\ddot{\neq}C-PSP\epsilon C\acute{z}.$$

PиPиPIC—PrPsPjP»CиP»PsCиCи PиCиPs PIPëPi°PrPePë CиPsP·PIPëC,PeCр
 PiPиC±C—PSPePsPIPsC— PSPиPrPsCиC, P°C, PSPsCиC, C- (Pi C, PsPjCр C±PëCиP»C-
 P»PиC, P°P»CHбPSC-) PSP° C, P»C- P·P°CиC, PsCиCрPiP°PSPSCи P'PsC, CиC—C"PSC, Cр^{PÿPн}. PJ
 PeP»C—PSC—C±PSPëC... PrPsCиP»C—PrP¶PiPSPSCиC... P· P'PsC, CиC—C"PSC, PsPj^{PÿPн} PSP° C, P»C—
 PнPsPiPs PiCиPëPнPsPjCр CиPiPsCиC, PиCиC—PiP°P»PsCиCи PiC—PrPIPëC%оPиPSPSCи
 CиPëCиPsPIP°C, PePsPIPëC... CиC—PIPsC—Pi C, CиP°PSCиP°PjC—PSP°P· (PнP»Pÿ,
 P°CиPiP°CиC, P°C, P°PjC—PSPsC, CиP°PSCиC, PиCиP°P·Pë [PнPÿPÿ]) C, P°
 P±C—P»C—CиCрP±C—PSCр (PrPëPi. CиPsP·PrC—P» B«PиPsP±C—C±PSC— CиPиP°PeC†C—C—B»). PJ
 P±C—P»CHбCëPsCиC, C- PIPëPiP°PrPeC—Pi PiPsPIC—PrPsPjP»CиP»PsCиCи PiCиPs
 C—P·PsP»CHбPsPIP°PSPи P·P±C—P»CHбCëPиPSPSCи CиC—PIPsC—Pi PнP»Pÿ C, P° PнPÿPÿ P±PиP·
 CиCрPiCрC, PSCHбPsPiPs PiC—PrPIPëC%оPиPSPSCи CиC—PIPsC—Pi P»CрP¶PSPsC—
 C, PsCиC, P°C, P°P·Pë P°P±Ps P±C—P»C—CиCрP±C—PSCр. PJ PiP°C†C—C"PSC, C—Pi PIC—PePsPj
 PiPsPSP°Pr 60 CиPsPeC—Pi P±C—P»CHбCëPëPн CиPëP·PëPe PiPsPjC—CиPSPsPiPs (PнP»Pÿ > 3
 P'PнPк) P°P±Ps P·PSP°C±PSPsPiPs (PнP»Pÿ > 8 P'PнPк) PiC—PrPIPëC%оPиPSPSCи PнP»Pÿ.
 PиP°C†C—C"PSC, Pë, C%оPs C" PSPsCиC—CиPjPë HLA-B*57:01 P°P»PиP»CиC, C, P°PePsP¶
 PjP°CиC, CHб P±C—P»CHбCëPëPн CиPëP·PëPe PiC—PrPIPëC%оPиPSCHб CиC—PIPsCи PнP»Pÿ,
 PiPsPiBи™ CиP·P°PSPsPiPs C—P· P·P°CиC, PsCиCрPiP°PSPSCиPj P'PsC, CиC—C"PSC, Cр^{PÿPн}.
 PÿP»C—Pr PePsPSC, CиPsP»CиPiP°C, Pë C, CрPSPeC†C—Cи PiPиC±C—PSPePë Cр PICиC—C...
 PiP°C†C—C"PSC, C—Pi, C%оPs PsC, CиPëPjCрCиC, CHб P»C—PeCрPiP°PSPSCи
 P'PsC, CиC—C"PSC, PsPj^{PÿPн} PSPиP·P°P»PиP¶PSPs PIC—Pr C—C... PiPиPSPsC, PëPiCр P°P±Ps
 PIC—PeCр.

$\text{P} \times \text{P} \times \text{P} \times \text{C} \dots \text{C} - \text{PrPSPs} \text{ PIP} \ddot{\text{P}} \cdot \text{PSP}^\circ \text{C} \ddot{\text{P}}^\circ \text{C}, \text{P} \ddot{\text{e}} \text{ C} \acute{\text{I}} \text{P} \ddot{\text{e}} \text{C} \ddot{\text{H}} \text{PsPIP}^\circ \text{C}, \text{PePsPIP} \ddot{\text{e}} \text{PN} \ddot{\text{e}} \text{ PIPjC} - \text{C} \acute{\text{I}} \text{C},$
 $\text{PiP} \times \text{C} \ddot{\text{C}} - \text{PSPePsPIP} \ddot{\text{e}} \text{C} \dots \text{C}, \text{P} \times \text{C} \ddot{\text{H}} \text{PjP} \times \text{PSC}, \text{C} - \text{PI} \text{ PiP} \times \text{C} \ddot{\text{H}} \text{P} \times \text{Pr} \text{ PiPsC} \ddot{\text{P}}^\circ \text{C}, \text{PePsPj}$
 $\text{P} \times \text{C} - \text{PeC} \acute{\text{r}} \text{PIP}^\circ \text{PSPSC} \ddot{\text{C}} \text{ P}^\circ \text{PsC}, \text{C} \ddot{\text{H}} \text{C} - \text{C}^\circ \text{PSC}, \text{PsPj}^{\text{PyP} \ddot{\text{e}}} \text{C}, \text{P}^\circ \text{PSP}^\circ \text{3}, \text{5}, \text{7} \text{C}, \text{P}^\circ \text{9} \text{C}, \text{P} \ddot{\text{e}} \text{P} \times \text{PSC} -$
 $\text{P} \times \text{C} - \text{PeC} \acute{\text{r}} \text{PIP}^\circ \text{PSPSC} \ddot{\text{C}} \text{ PiC} \ddot{\text{H}} \text{P} \times \text{PiP}^\circ \text{C} \ddot{\text{H}} \text{P}^\circ \text{C}, \text{PsPj}. \text{P} \times \text{PsC}, \text{C} - \text{Pj} \text{ PePsPSC}, \text{C} \ddot{\text{H}} \text{PsP} \times \text{C} \ddot{\text{H}} \text{ C} \acute{\text{I}} \text{P} \times \text{C} - \text{Pr}$
 $\text{PiC} \ddot{\text{H}} \text{PsPIP} \times \text{PrP} \ddot{\text{e}} \text{C}, \text{P} \ddot{\text{e}} \text{PSP}^\circ$
 $3 - \text{PsPjC} \acute{\text{r}} \text{C}, \text{P}^\circ \text{4} - \text{PsPjC} \acute{\text{r}} \text{PjC} - \text{C} \acute{\text{I}} \text{C} \ddot{\text{C}} \text{C} \ddot{\text{C}} - \text{P} \times \text{C} - \text{PeC} \acute{\text{r}} \text{PIP}^\circ \text{PSPSC} \ddot{\text{C}} \text{C} - \text{PrPsPrP}^\circ \text{C}, \text{PePsPIP} \times \text{P} \cdot \text{P}^\circ$
 $\text{PeP} \times \text{C} - \text{PSC} - \text{C} \ddot{\text{P}} \text{PSP} \ddot{\text{e}} \text{PjP} \ddot{\text{e}} \text{PiPsPeP}^\circ \text{P} \cdot \text{P}^\circ \text{PSPSC} \ddot{\text{C}} \text{PjP} \ddot{\text{e}}. \text{P} \times \text{C} - \text{C} \acute{\text{I}} \text{P} \times \text{C} \ddot{\text{C}} \text{4} \text{PjC} - \text{C} \acute{\text{I}} \text{C} \ddot{\text{C}} \text{C} \ddot{\text{C}} \text{C} \ddot{\text{C}}$
 $\text{C}, \text{P} \times \text{C} \ddot{\text{H}} \text{P}^\circ \text{PiC} - \text{C} - \text{B} \text{ C} \acute{\text{I}} \text{P} \times \text{C} - \text{Pr} \text{ PiC} \ddot{\text{H}} \text{PsPrPsPIP} \times \text{C} \acute{\text{r}} \text{PIP}^\circ \text{C}, \text{P} \ddot{\text{e}} \text{PiP} \times \text{C} \ddot{\text{H}} \text{C} - \text{PsPrP} \ddot{\text{e}} \text{C} \ddot{\text{P}} \text{PSP} \ddot{\text{e}} \text{PN} \ddot{\text{e}}$
 $\text{PePsPSC}, \text{C} \ddot{\text{H}} \text{PsP} \times \text{C} \ddot{\text{H}} \text{C} \ddot{\text{H}} \text{C} - \text{PIPSC} \ddot{\text{C}} \text{PiP} \times \text{C} \ddot{\text{C}} - \text{PSPePsPIP} \ddot{\text{e}} \text{C} \dots \text{C}, \text{P} \times \text{C} \ddot{\text{H}} \text{PjP} \times \text{PSC}, \text{C} - \text{PI},$
 $\text{PiC} \ddot{\text{H}} \text{P}^\circ \text{C} \dots \text{PsPIC} \acute{\text{r}} \text{C} \ddot{\text{H}} \text{C} \ddot{\text{C}} - \text{PeP} \times \text{C} - \text{PSC} - \text{C} \ddot{\text{P}} \text{PSC} - \text{PiPsPeP}^\circ \text{P} \cdot \text{P}^\circ \text{PSPSC} \ddot{\text{C}}.$

$$\begin{aligned} &P''P \gg C \uparrow \bar{P} \bar{P} P^{\circ} C \uparrow C - C''PSC, C - PI \cdot P \cdot PIP\bar{e}C \dots C - PrPSP\bar{e}PjP\bar{e} \text{ (PrPs } \bar{P}\bar{i}PsC \uparrow P^{\circ}C, PeCr \\ &P \gg C - PeCrPIP^{\circ}PSPSC \uparrow \bar{P}iC\bar{H}P_{\mu}\bar{P}P^{\circ}C\bar{H}P^{\circ}C, PsPj) \text{ } C\bar{H}C - PIPSC \uparrow PjP\bar{e} \text{ } P \cdot P^{\circ}P \bar{i}P^{\circ}P \gg CH\bar{P}SPs\bar{P}iPs \\ &P \pm C - P \gg C - C\bar{H}CrP \pm C - PSCr \\ &\leq 1,5 \text{ } P'P_{\bar{H}}P_{\bar{K}} \text{ } C, P^{\circ} \text{ } P_{\bar{H}}P_{\bar{Y}}P_{\bar{Y}} \text{ } C - \text{ } P_{\bar{H}}P \gg P_{\bar{Y}} \leq B \text{ } 2 \text{ } P'P_{\bar{H}}P_{\bar{K}} \text{ } C \bar{I}P \gg C - Pr \text{ } PrPsC, C\bar{H}P\bar{e}PjCrPIP^{\circ}C, P\bar{e}C\bar{I}C \uparrow \\ &C, P^{\circ}PeP\bar{e}C \dots C\bar{H}P_{\mu}PePs\bar{P}iP_{\mu}PSPPrP^{\circ}C \uparrow C - P\bar{N}_{\bar{e}}. \end{aligned}$$

$\text{P}_{\text{H}}\text{P}^{\circ}\text{C}\dagger\text{C}-\text{C}''\text{PSC},\text{P}\ddot{\text{e}}\text{P}\cdot\text{C}-\text{P}\cdot\text{PsP}\gg\text{CHPsPIP}^{\circ}\text{PSP}\ddot{\text{e}}\text{Pj}\text{PiC}-\text{PrPIP}\ddot{\text{e}}\text{C}\%_{\text{P}}\text{P}_{\text{H}}\text{PSPSC}\ddagger\text{Pj}\text{C}\ddot{\text{H}}\text{C}-\text{PIPSC}\ddagger\text{P}\ddot{\text{H}}\text{P}\cdot\text{P}\ddot{\text{y}}\text{PI}\text{PrC}-\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{P}^{\circ}\text{P}\cdot\text{PsPSC}-\text{PjC}-\text{P}\P\text{3P}'\text{P}\ddot{\text{H}}\text{P}\ddot{\text{K}}\text{C},\text{P}^{\circ}\text{8P}'\text{P}\ddot{\text{H}}\text{P}\ddot{\text{K}}\text{PjPsP}\P\text{CrC},\text{CH}\text{PiC}\ddot{\text{H}}\text{PsPrPsPIP}\P\text{CrPIP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{C}-\text{PeCrPIP}^{\circ}\text{PSPSC}\ddagger\text{P}'\text{PsC},\text{C}\ddot{\text{H}}\text{C}-\text{C}''\text{PSC},\text{PsPj}^{\text{P}\ddot{\text{y}}\text{P}\ddot{\text{H}}}\text{P}\cdot\text{P}^{\circ}\text{CrPjPsPI}\text{C}\%_{\text{P}}\text{PsC},\text{P}\ddot{\text{e}}\text{P}\P\text{PSP}_{\text{H}}\text{PIPsPiPs}\text{PePsPSC},\text{C}\ddot{\text{H}}\text{PsP}\gg\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{C},\text{P}^{\circ}\text{PSCr}\text{PiPuC}\ddagger\text{C}-\text{PSPePsPIPsC}-\text{C},,\text{CrPSPeC}\dagger\text{C}-\text{C}-,\text{PiPsPeP}\ddot{\text{e}}$

СҗС-РІРµРSCНБ РҗР·Рҗ РSPµ Р·РSPёР·РёС,СНСГҗС РrPs 1 СГҗС,СрРіРµРSCЦ Р°Р±Ps РSPµ РіРsРІРµРSCРSPµС,СНСГҗС РrPs РІРёС...С-РrPSPsРіPs СҗС-РІРSCЦ.

РµР°СҗС-С"РSC,Рё Р· РҗР·Рҗ > 8 Р'РҗРҗ РjР°СҗС,СНБ РіСҗРёРіРёРёРSPёС,Рё РіСҗРёРёР№РsРj Р'РsС,СҗС-С"РSC,Ср^{РҗРҗ}, РіРsРёРё СҗС-РІРµРSCНБ СҗСНБsРіPs РіPsРёР°Р·РSPёРёР° РSPµ Р·РSPёР·РёС,СНСГҗС РrPs 1 СГҗС,СрРіРµРSCЦ Р°Р±Ps РSPµ РіРsРІРµРSCРSPµС,СНСГҗС РrPs РІРёС...С-РrPSPsРіPs СҗС-РІРSCЦ. РіРёС%Рs РіPsС,РµРSCҗС-Р№РSC- РіРµСҗРµРІР°РіРё РіPsРІС,РsСҗРSPsРіPs РіСҗРёР·РSP°СҗРµРSPSCЦ Р'РsС,СҗС-С"РSC,Ср^{РҗРҗ} СҗРsР·СҗС-РSPµРSC- СЦРё С,Р°РёС-, С%Рs РіРµСҗРµРІР°РіР°РіРіСрСҗС,СНБ СҗРёР·РёРё РіРµРіРіР°С,РsС,РsРёСГРёСҗРSPsСГҗС,С- РіСҗРµРіРіР°СҗР°С,Ср, РjРsР¶РSP° Р·РSPsРІСр СҗРsР·РіРsСҗР°С,Рё Р»С-РёСрРІР°РSPSCЦ Р'РsС,СҗС-С"РSC,РsРj^{РҗРҗ} Ср РjРµРSCёС-Р№ РrPsР·С- (400 РjРі 1 СҗР°Р· РSP° РrPsР±Ср), РіРёР·РSP°СҗР°СҗС РіСҗРёР СҗСНБsРjСр СГРёСҗРsРІР°С,РёРsРІС- СҗС-РІРSC- РіРµСҗС-РSPёРsРІРёС... С,РµСҗРjРµРSC,С-РІ С%РsС,РёР¶РSCЦ РіСҗРsС,СЦРіРsРj 8 С,РёР¶РSC-РІ (РrРёРІ. СҗРsР·РrС-Р» Б«РҗРіРsСГҗС-Р± Р·Р°СГҗС,РsСГҗСрРІР°РSPSCЦ С,Р° РrPsР·РёБ»). РіРёС%Рs РіС-СГР»СЦ РіPsРІС,РsСҗРSPsРіPs РіСҗРёР·РSP°СҗРµРSPSCЦ Р'РsС,СҗС-С"РSC,Ср^{РҗРҗ} Р·РSPsРІСр СГРіРіsСГҗС,РµСҗС-РіР°СҗС,СНСГҗС РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ > 3 Р'РҗРҗ, СГР»С-Рr РsСГҗС,Р°С,РsСҗРSPs РІС-РrРjС-РSPёС,Рё РіСҗРµРіРіР°СҗР°С,.

РіРёС%Рs РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ > 3 Р'РҗРҗ СГРіРіsСГҗС,РµСҗС-РіР°СҗС,СНСГҗС РsРrPSPsСҗР°СГРSPs Р· РіС-РrРІРёС%РµРSPSCЦРj СҗС-РІРSCЦ Р±С-Р»С-СҗСрР±С-РSCр > 2 Р'РҗРҗ, РіPsС,СҗС-Р±РSPs РsСГҗС,Р°С,РsСҗРSPs РІС-РrРjС-РSPёС,Рё Р'РsС,СҗС-С"РSC, ^{РҗРҗ}. Рj С,Р°РёРёС... РіР°СҗС-С"РSC,С-РІ РSPµРsР±С...С-РrPSPs РіСҗРsРІPsРrРёС,Рё РjРsРSC-С,РsСҗРёРSPi СҗС-РІРSC-РІ СҗРёС... РіPsРёР°Р·РSPёРёС-РІ, РіPsРёРё РsСГҗС,Р°РSPSC- РSPµ Р·РSPёР·СЦС,СНСГҗС РrPs 1 СГҗС,СрРіРµРSCЦ Р°Р±Ps РSPµ РіРsРІРµРSCрС,СНСГҗС РrPs РІРёС...С-РrPSPёС... Р·РSP°СҗРµРSCНБ. РµР°Р·РsРіР°РSC-Р± С" С-РSPiС-Р±С-С,РsСҗРsРj UGT1A1. Рj РіР°СҗС-С"РSC,С-РІ С-Р· СГРёРSPrСҗРsРjРsРj Р-РёР»СНБР±РµСҗС,Р° РSP° С,Р»С- РіСҗРёРёР№РsРjСр СҗСНБsРіPs РіСҗРµРіРіР°СҗР°С,Ср РjРsР¶Рµ СҗРsР·РІРёРёРSCрС,РёСГҗС Р»РµРіРёР° РSPµРіСҗСЦРjР° (РSPµР·РІБҗTM СЦР·Р°РSP°) РіС-РіРµСҗР±С-Р»С-СҗСрР±С-РSPµРjС-СЦ. Р'РµРrРµРSPSCЦ РіР°СҗС-С"РSC,С-РІ, СЦРёС- РjР°СҗС,СНБ Р»РёСРµРµ Р»РµРіРёРёСр РSPµРіСҗСЦРjСр РіС-РіРµСҗР±С-Р»С-СҗСрР±С-РSPµРjС-Сҗ, СҗР°РSC-СёРµ РrС-Р°РіSPsСГҗС,РsРІР°РSPёР№ Р°Р±Ps РіС-РrPsР·СҗСНРІР°РSPёР№ СГРёРSPrСҗРsРj Р-РёР»СНБР±РµСҗР° С,Р° РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ > 3 Р'РҗРҗ, СГР»С-Рr Р·РrС-Р№СГРSCНРІР°С,Рё РІС-РrРіPsРІС-РrPSPs РrPs СҗРµРёРsРjРµРSPrР°СҗС-Р№, С%Рs РіСҗРёРіРіsРrРёР»»РёСГҗС РrР»СЦ РІРёРіР°РrРёС-РІ С-Р·РsР»СНБsРІР°РSPsРіPs РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ.Б

РҗСрРjС-СГРSPµ Р·Р°СГҗС,РsСГҗСрРІР°РSPSCЦ Р'РsС,СҗС-С"РSC,Ср^{РҗРҗ} С,Р° СГРёРjРІР°СГҗС,Р°С,РёРSCр Р·Р±С-Р»С-СНБёСрС" СҗРёР·РёРё РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ (РrРёРІ. СҗРsР·РrС-Р» Б«Р'Р·Р°С"РjРsРrС-СЦ Р· С-РSCёРёРjРё Р»С-РёР°СҗСГҗСНБРёРjРё Р·Р°СГҗСsР±Р°РjРё С,Р° С-РSCёС- РІРёРrРё РІР·Р°С"РjРsРrС-Р№Б») С- РіPsРІРёРSPSPs Р·РrС-Р№СГРSCНРІР°С,РёСГҗС РsР±РµСҗРµР¶РSPs С- Р· СҗРµРµ,РµР»»СНБSPёРj СГРіРіsСГҗС,РµСҗРµР¶РµРSPSCЦРj.

РҗРёСҗС-Рj СҗРµРёРsРjРµРSPrР°СҗС-Р№, С%Рs РіР°СҗС-С"РSC,Р°Рj Р· РSPµР·РSP°СҗРSPёРjРё Р·РjС-РSP°РjРё РіРµСҗС-РSPёРsРІРёС... РіСҗРsР± (РІРёР·РSP°СҗР°СҗС,СНСГҗС СЦРё РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ РҗР·Рҗ РіСҗРёР РSPsСҗРjР°Р»СНБSPsРjСр СҗС-РІРSC- Р±С-Р»С-СҗСрР±С-РSCр Р°Р±Ps СЦРё РіС-РrРІРёС%РµРSPSCЦ СҗС-РІРSCЦ Р±С-Р»С-СҗСрР±С-РSCр РІ 1,5 СҗР°Р·Р° РІРёС%РµРµ Р'РҗРҗ РSPµР·Р»РµР¶РSPs РІС-Рr

C₇H₅C-PIPSC₁₁ P₅P>P₅) C₇P>C-Pr P₅C₇H₅P₅P>PSP°C₇P°C, P₅ 800 PjPi P'PsC, C₇H₅C-C" PSC, C₇P^{P₅P₅} 1
 C₇H₅P°P· PSP° PrP₅PSCH C, P° C... PIPsC₇H₅P₅Pj P· P₅PsPjC-C₇H₅PS₅CH P₅P₅C₇C-PSPePsPIP₅CH
 PSP₅PrPsC₇C, P°C, PSC-C₇C, CH (C₇H₅C-PIP₅PSCH P₅C-P>C-C₇C₇P₅C-PSC₇
 P₅P₅C₇H₅P₅PIP₅C%₇C₇" PI 1, 5-3 C₇H₅P°P·P° P'P₅PK PSP₅P·P°P>P₅P₅PS₅ PIC-Pr C₇H₅C-PIPSC₁₁
 P₅P>P₅) C₇P>C-Pr P·PjP₅PSCHC₇PIP°C, P₅ P₅PsC₇P°C, PePsPIC₇ PrPsP·C₇ PrPs 200 PjPi PSP°
 PrP₅PSCH, P₅PsPrP°P>CHC₇PeC... C₇H₅P₅PePsPjP₅PSPrP°C₇C-PN₅ C%₅PsPrPs
 PjPsPrP₅C,, C-PeP°C₇C-C— PrPsP·P₅ P· PsPiP>C₇PrC₇ PSP° C₇H₅P₅P·C₇P>CHC, P°C, P₅
 P₅P₅C₇C-PSPePsPIP₅C... C, P₅C₇C, C-PI PrP>C₇ C... PIPsC₇H₅P₅C... P· C₇P₅PI C-C₇PSC₇CHC₇PsCH
 P₅P₅C₇C-PSPePsPIP₅CH PSP₅PrPsC₇C, P°C, PSC-C₇C, CH P₅PsPeP₅ C%₅Ps PSP₅
 C₇H₅PsP·C₇H₅PsP₅P>P₅PS₅. P₅P°P·PsPiP°PSC-P₅ PSP₅ C₇H₅P₅PePsPjP₅PSPrC₇C" C, CHC₇C₇
 P₅P°C₇C-C" PSC, P°Pj P· C, C₇PIPeP₅P₅Pj P₅PsC₇C₇PeP₅PS₅PIPePj C,, C₇PSPeC₇C-C—
 P₅P₅C₇C-PSPeP₅ (P·P°PiP°P>CH₅PS₅P₅PN₅ P₅C-P>C-C₇C₇P₅C-PS P₅C-P>CHC₇PePSC-P₅ C₇ 3
 C₇H₅P°P·P₅ PIP₅C%₅P₅PN₅ P·P° P'P₅PK PSP₅P·P°P>P₅P₅PS₅ PIC-Pr C₇H₅C-PIPSC₁₁ P₅P>P₅) (PrP₅PI.
 C₇H₅PsP·PrC-P> B<P₅P₅PsC₇C-P₅ P·P°C₇C, PsC₇C₇PIP°PSPSC₁₁ C, P° PrPsP·P₅B>).

P₅CH₅C, P₅CH₅C-P°P>CH₅PS° PiC-PiP₅CH₅C, P₅PS₅P·C-C₇.

P₅C-Pr C₇P°C₇ PeP>C-PSC-C₇PSP₅C... PrPsC₇P>C-PrP₅PIPeP₅PSCH P₅P°P·PsPiP°PSC-P₅C₇
 C₇P₅PsC₇C, P₅CH₅C-PiP°P>P₅C₇C₇ PIP₅PiP°PrPeP₅ P°C₇C, P₅CH₅C-P°P>CH₅PS₅C—
 PiC-PiP₅CH₅C, P₅PS₅P·C-C—, PIPeP>CHC₇P°C₇C₇P₅ PiC-PiP₅CH₅C, PsPSC-C₇PSC- PeC₇H₅P₅P·P₅.
 P₅CH₅C, P₅CH₅C-P°P>CH₅PS₅P₅PN₅ C, P₅C₇Pe PjP°C" P₅C₇C, P₅ PrPsP₅C₇P₅
 PePsPSC, C₇H₅PsP>CH₅PsPIP°PSP₅Pj C%₅P₅ PrPs P₅PsC₇P°C, PeC₇ P>C-PeC₇PIP°PSPSC₁₁
 P₅P°P·PsPiP°PSC-P₅PsPj. Pj P₅P°C₇C-C" PSC, C-PI P₅PsC, C₇H₅C-P₅PS₅ PePsPSC, C₇H₅PsP>CH₅PIP°C, P₅
 C₇H₅C-PIP₅PSCH P°C₇C, P₅CH₅C-P°P>CH₅PS₅PsPiPs C, P₅C₇PeC₇ PSP° C₇P°PjPsPjC₇ P₅PsC₇P°C, PeC₇
 P>C-PeC₇PIP°PSPSC₁₁ (PSP₅ PiC-P·PSC-C₇PeP₅ PSC-P₅ P·P° C, P₅PeP₅PIPeP₅PSCH PiC-C₇P>C₇
 P₅PsC₇P°C, PeC₇ P>C-PeC₇PIP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, PsPj^{P₅P₅}) C- P₅PsC, C-Pj P·
 C₇P°C₇C, PsC, PsCH, PSP₅PsP₅C... C-PrPSPsCH PrP>C₇ P·P°P₅P₅P·PiP₅C₇P₅PS₅C₇
 PePsPSC, C₇H₅PsP>CH P·P° P°C₇C, P₅CH₅C-P°P>CH₅PS₅P₅Pj C, P₅C₇PePsPj PeC₇H₅PsPIC- C, P°
 C₇PIP₅PrPePs PiC₇H₅P₅P>PSP°C₇P°C, P₅ C₇C, P°PSPrP°C₇C, PSC₇
 P°PSC, P₅PiC-PiP₅CH₅C, P₅PS₅P·P₅PIPSC₇ C, P₅CH₅P°PiC-CH C₇ PePsPjP₅C-PSP°C₇C-C— P·C-
 P·PSP₅P₅PIPeP₅PS₅C₇PrPsP·P₅ P°P₅Ps P₅P₅CH₅P₅CH₅PIP₅CH C₇ P>C-PeC₇PIP°PSPSC-
 P'PsC, C₇H₅C-C" PSC, PsPj^{P₅P₅} PIC-PrPiPsPIC-PrPSPs PrPs PeP>C-PSC-C₇PS₅PsPiPs C₇C, P°PSC₇
 C... PIPsC₇H₅PsPiPs (PrP₅PI. C₇H₅PsP·PrC-P>P₅ B<P₅P₅PsC₇C-P₅ P·P°C₇C, PsC₇C₇PIP°PSPSC₁₁ C, P°
 PrPsP·P₅B> C, P° B<P₅PsP₅C-C₇PSC-B C₇H₅P₅P°PeC₇C-C-B>). P₅CH₅C, P₅CH₅C-P°P>CH₅PS°
 PiC-PiP₅CH₅C, P₅PS₅P·C-C₇ (C₇H₅C-PIP₅PSCH C₇P₅C₇C, PsP>C-C₇PS₅PsPiPs C, P₅C₇PeC₇ PeC₇H₅PsPIC-
 ≥ 150 P°P₅Ps PrC-P°C₇C, PsP>C-C₇PS₅PsPiPs ≥ 100 PjPj C₇C, C₇C,) PSP° C, P>C-
 P>C-PeC₇PIP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, PsPj^{P₅P₅} C₇H₅PsP·PIP₅PIP°C" C, CHC₇C₇ C₇ C₇P°PSPSC-
 C₇C, C₇H₅PsPeP₅ (C₇ PiC₇H₅P₅P>P₅PeP·PS₅ C₇ 40 % PIP₅PiP°PrPeC-PI PIPsPSP°
 C₇H₅PsP·PIP₅PIP°C" C, CHC₇C₇ PrPs 9 PrPsP₅P₅, C₇ PiC₇H₅P₅P>P₅PeP·PS₅ 90 % PIP₅PiP°PrPeC-PI
 б₇" C₇ PiP₅CH₅C₇C- 18 C, P₅PeP₅PS₅PI). P'PsC, C₇H₅C-C" PSC, ^{P₅P₅} PSP₅PsP₅C... C-PrPSPs
 PIC-PrPjC-PSP₅C, P₅, C₇PeC%₅Ps C" PsP·PSP°PeP₅ PiC-PiP₅CH₅C, PsPSC-C₇PS₅PsPiPs PeC₇H₅P₅P·C₇
 P°P₅Ps P°C₇C, P₅CH₅C-P°P>CH₅PS° PiC-PiP₅CH₅C, P₅PS₅P·C-C₇ C, C₇PIPeP° C- PiC₇H₅P₅
 C₇CH₅PsPjC₇ PiP₅CH₅C₇P₅C₇C, C₇C", PSP₅P·PIP°P₅PIP°C₇C₇P₅ PSP°
 P°PSC, P₅PiC-PiP₅CH₅C, P₅PS₅P·P₅PIPSC₇ C, P₅CH₅P°PiC-CH C- P·PSP₅P₅PIPeP₅PS₅C₇ PrPsP·P₅
 P'PsC, C₇H₅C-C" PSC, C₇P^{P₅P₅}.

*P₅P₅PSPrC₇PsPj P·P°PrPSCHPsC— PsP₅P₅CH₅PS₅PS₅C— P₅PS₅C₇P₅C,, P°P>PsPiP°C, C-C—/
 P·P°PrPSCHPsC— PsP₅P₅CH₅PS₅PS₅C— P>P₅PN₅PePsP₅PS₅C₇P₅C,, P°P>PsPiP°C, C-C—.*

P₅C-Pr C₇P°C₇ P·P°C₇C, PsC₇C₇PIP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, C₇P^{P₅P₅}
 P₅PsPIC-PrPsPjP>C₇PIPeP₅PsC₇CH PiC₇H₅Ps PIP₅PiP°PrPeP₅ C₇P₅PSPrC₇PsPjC₇ P·P°PrPSCHPsC—

PsP±PμCḡPSPμPSPSc— PμPSC†PμC,,P°P»PsPīP°C,C-C—/ P·P°PrPSCḡPsC—
PsP±PμCḡPSPμPSPSc— P»PμPNḡPePsPμPSC†PμC,,P°P»PsPīP°C,C-C—. PŸPēPSPrCḡPsPj PjPsP¶Pμ
PīCḡPsCḡPIP»CḡC,PēCḡCḡ PīPsP»PsPIPSPēPj P±PsP»PμPj, P°CḡC,PμCḡC-P°P»CḡPSPScḡ
PiC-PīPμCḡC,PμPSP·C-C”Cḡ, CḡCḡPrPsPjP°PjPē, P»PμC,P°CḡPiC-C”Cḡ,
CḡPīP»CḡC,P°PSC-CḡC,Cḡ CḡPIC-PrPsPjPsCḡC,C-, CḡP»C-PīPsC,PsCḡ C,P° C-PSCēPēPjPē
CḡPsP·P»P°PrP°PjPē P·PsCḡCḡ C,P° PSPμPICḡPsP»PsPiC-C†PSPēPjPē PīPsCḡCḡCēPμPSPSCḡPjPē
C- PjPsP¶Pμ PjP°C,Pē P»PμC,P°P»CḡPSPēPNḡ PSP°CḡP»C-PrPsPe. PJ CḡP°P·C-
PIPēPSPēPePSPμPSPSCḡ C†CḡPsPiPs CḡPēPSPrCḡPsPjCḡ P»C-PeCḡPIP°PSPSCḡ
P’PsC,CḡC-C”PSC,PsPj^{PŸPḡ} CḡP»C-Pr PīCḡPēPīPēPSPēC,Pē PSP°P·P°PIP¶PrPē.

*P†PSC,PμCḡCḡC,PēC†C-PNḡPSPμ P·P°C...PIPScḡCḡPIP°PSPSCḡ P»PμPiPμPSC-PI
(P†P—P·)/PīPSPμPIPjPsPSC-C,*

P©PsPrPs P†P—P·, CḡPePμ PjPsP¶Pμ P±CḡC,Pē P·C- CḡPjPμCḡC,PμP»CḡPSPēPj
PSP°CḡP»C-PrPePsPj, P±CḡP»Ps PīPsPIC-PrPsPjP»PμPSPSCḡ PīCḡPs CḡPsP·PIPēC,PsPe P†P—P·,
C%Ps PīPsPiḡḡ™ CḡP·P°PSPs P· PīP°P·PsPīP°PSC-P±PsPj (PrPēPI. CḡPsP·PrC-P»
B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»). PŸP»C-Pr PICḡC,P°PSPsPIPēC,Pē PīPēP»CḡPSPēPNḡ
PSP°PiP»CḡPr P·P° PīP°C†C-C”PSC,P°PjPē P· C-PSPrPēPeP°C,PēPIPSPēPjPē CḡPēPjPiC,PsPjP°PjPē
C%PsPrPs P†P—P·/PīPSPμPIPjPsPSC-C,Cḡ C,P° PīCḡPēPīPēPSPēC,Pē P»C-PeCḡPIP°PSPSCḡ
PīP°P·PsPīP°PSC-P±PsPj PīP°C†C-C”PSC,C-PI, PI CḡPePēC... PICḡC,P°PSPsPIP»PμPSPēPNḡ
CḡPsP·PIPēC,PsPe P†P—P· P°P±Ps PīPSPμPIPjPsPSC-C,Cḡ.

*PμPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C— CḡPμCḡC†Cḡ / CḡPμCḡC†PμPIP°
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ*

PŸP»C-Pr PsC†C-PSPēC,Pē CḡPiC-PIPIC-PrPSPScēPμPSPSCḡ CḡPēP·PēPeC-PI C,P°
PePsCḡPēCḡC,C- P»C-PeCḡPIP°PSPSCḡ PīP°P·PsPīP°PSC-P±PsPj PīPμCḡPμPr PīPsC†P°C,PePsPj
C,PμCḡP°PiC-C— Cḡ PīP°C†C-C”PSC,C-PI, Cḡ CḡPePēC... PI P°PSP°PjPSPμP·C-
CḡPiPsCḡC,PμCḡC-PiP°P»PēCḡCḡ PīPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C— CḡPμCḡC†Cḡ.
P’PμP·PīPμPeP° C,P° C,,P°CḡPjP°PePsPeC-PSPμC,PēPeP° PīP°P·PsPīP°PSC-P±Cḡ Cḡ
PīP°C†C-C”PSC,C-PI P· PīPsPjC-CḡPSPScḡ P°P±Ps C,CḡP¶PePsCḡ CḡPμCḡC†PμPiPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ P°P±Ps Cḡ PīP°C†C-C”PSC,C-PI P· C,,CḡP°PeC†C-C”Cḡ
PIPēPePēPrCḡ P»C-PIPsPiPs CēP»CḡPSPSc†PeP° PSPēP¶C†Pμ PSPScḡPjP°P»CḡPSPsPiPs
CḡC-PIPSCḡ PSPμ PrPsCḡP»C-PrP¶CḡPIP°P»PēCḡCḡ.

PJ PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSPSCḡC... P· PīP°P·PsPīP°PSC-P±PsPj
CḡPiPsCḡC,PμCḡC-PiP°P»PēCḡCḡ PIPēPīP°PrPePē PīPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C—
CḡPμCḡC†Cḡ, C,P°PeC- CḡPe P·P°CḡC,C-PNḡPSP° CḡPμCḡC†PμPIP°
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ C,P° P·PjPμPSCēPμPSPSCḡ C,,CḡP°PeC†C-C— PIPēPePēPrCḡ
P»C-PIPsPiPs CēP»CḡPSPSc†PeP°. P’ CḡP°PSPrPsPjC-P·PsPIP°PSPsPjCḡ PeP»C-PSC-C†PSPsPjCḡ
PrPsCḡP»C-PrP¶PμPSPSC- P»C-PeCḡPIP°PSPSCḡ C...PIPScḡPēC... PSP°
PSPēCḡPePsPiPsPeP»C-C,PēPSPSCḡ PeP°CḡC†PēPSPsPjCḡ PīP°P·PsPīP°PSC-P±PsPj PI
PīPsCḡC-PIPSCḡPSPSC- P· CḡCḡPSC-C,PēPSC-P±PsPj, Cḡ PīP°C†C-C”PSC,C-PI, CḡPeC- PjP°P»Pē
PePsPSC,CḡPsP»Cḡ P·P° C,,CḡP°PeC†C-C”Cḡ PIPēPePēPrCḡ P»C-PIPsPiPs CēP»CḡPSPSc†PeP° P·
PīPsC†P°C,PeCḡ C,P° PīCḡPsC,CḡPiPsPj PrPsCḡP»C-PrP¶PμPSPSCḡ, PīPsCḡCḡCēPμPSPSCḡ
C,,CḡPSPeC†C-C— PjC-PsPeP°CḡPrP° CḡPiPsCḡC,PμCḡC-PiP°P»Pē Cḡ 13 % (47/362)
PīP°C†C-C”PSC,C-PI PiCḡCḡPīPē PīP°P·PsPīP°PSC-P±Cḡ, PI PīPsCḡC-PIPSCḡPSPSC- P· 11%
(42/369) PīP°C†C-C”PSC,C-PI PiCḡCḡPīPē CḡCḡPSC-C,PēPSC-P±Cḡ. P—P°CḡC,C-PNḡPSP°
CḡPμCḡC†PμPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ CḡPiPsCḡC,PμCḡC-PiP°P»P°CḡCḡ Cḡ 0,5 %
PīP°C†C-C”PSC,C-PI Cḡ PePsP¶PSC-PNḡ PiCḡCḡPiC- PīP°C†C-C”PSC,C-PI. P—P°CḡC,C-PNḡPSP°
CḡPμCḡC†PμPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ CḡPiPsCḡC,PμCḡC-PiP°P»P°CḡCḡ Cḡ 3 P· 240
PīP°C†C-C”PSC,C-PI (1 %) Cḡ C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSCḡ P†P†P†

C,,P°P·Pë C...PIPsCḡPëC... PSP° CḡP°CḡPePsPjCḡ Pjḡḡ™ CḡPePëC... C,PeP°PSPëPS. Pj C†CHḡPsPjCḡ PrPsCḡP»C-PrPḡPḡPSPSC- P·PjPḡPSCëPḡPSPSCḡ C,,CḡP°PeC†C-C— PIPëPePëPrCḡ P»C-PIPsPiPs CëP»CḡPSPsC†PeP° Cḡ CḡCḡP±ḡḡ™ C”PeC,C-PI PrPsCḡP»C-PrPḡPḡPSPSCḡ, CḡPeC- PīCḡPsC...PsPrPëP»Pë PIPëPjC-CḡCḡPIP°PSPSCḡ PSP° PīPsC†P°C,PeCḡ C,P° PI PīCḡPsC†PḡCḡC- P»C-PeCḡPIP°PSPSCḡ, CḡPīPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ Cḡ 11 % (15/140) Cḡ PiCḡCḡPīC-, C%Ps PsC,CḡPëPjCḡPIP°P»P° P’PsC,CḡC-C”PSC,^{PḡPḡ}, PīPsCḡC-PIPSCḡPSPs P· 3 % (1/39) Cḡ PiCḡCḡPīC-, C%Ps PsC,CḡPëPjCḡPIP°P»P° PīP»P°C†PḡP±Ps.

PḡP°PeC,PsCḡPë CḡPëP·PëPeCḡ

13 P· 15 CḡCḡP±ḡḡ™ C”PeC,C-PI Cḡ PiCḡCḡPīC- PīP°P·PsPīP°PSC-P±Cḡ PīC-Pr C†P°Cḡ PrPsCḡP»C-PrPḡPḡPSPSCḡ C,,P°P·Pë P†P†P† PīCḡPë PḡPḡPḡ PjP°P»Pë CḡCḡPīCḡC,PSCḡ PiC-PiPḡCḡC,PḡPSP·C-Cḡ, C%Ps PjPsPiP»Ps PīPsCḡPëP»PëC,Pë CḡPḡCḡC†PḡPICḡ PrPëCḡC,,CḡPSPeC†C-Cḡ Cḡ PīP°C†C-C”PSC,C-PI PiCḡCḡPīPë CḡPëP·PëPeCḡ PIPSP°CḡP»C-PrPsPe P·P±C-P»CHCëPḡPSPSCḡ CḡPḡCḡC†PḡPIPsPiPs PīPsCḡC,PSP°PIP°PSC,P°PḡPḡPSPSCḡ. 99 % PīP°C†C-C”PSC,C-PI (243/246), CḡPeC- P±CḡP°P»Pë CḡC†P°CḡC,Cḡ Cḡ PrPsCḡP»C-PrPḡPḡPSPSC- C,,P°P·Pë P†P†P† PīCḡPë PḡPḡPḡ, PIPëP»CHC†P°CHC†Pë 15 CḡCḡP±ḡḡ™ C”PeC,C-PI, PsC,CḡPëPjCḡPIP°P»Pë P°PSC,CḡP°C†PëPeP»C-PS. PḡPsPīPḡCḡPḡPrPSCḡ C,PḡCḡP°PīC-Cḡ P°PSC,CḡP°C†PëPeP»C-PSP°PjPë PjPsPḡPḡ P±CḡC,Pë C,,P°PeC,PsCḡPsPj CḡPëP·PëPeCḡ CḡPḡCḡC†PḡPIPsC— PrPëCḡC,,CḡPSPeC†C-C—.

P PḡP·CḡP»CHC,P°C,Pë

4 P· 15 CḡCḡP±ḡḡ™ C”PeC,C-PI PīPsPIPSC-CḡC,Cḡ PsPrCḡPḡP°P»Pë (Cḡ PjPḡPḡP°C... 5 % PIC-Pr PIPëC...C-PrPSPsPiPs CḡC-PIPsCḡ), P° 5 PsPrCḡPḡP°P»Pë C†P°CḡC,PePsPiPs (Cḡ PjPḡPḡP°C... PSPsCḡPjPë, P°P»Pḡ PSP° > 5 % PSPëPḡC†Pḡ PIPëC...C-PrPSPsPiPs CḡC-PIPsCḡ). PḡPrPëPS CḡCḡP±ḡḡ™ C”PeC, PSPḡ PsPrCḡPḡPI, P° C%PsPrPs C-PSCëPëC... 5 CḡCḡP±ḡḡ™ C”PeC,C-PI PrP°PSC- CḡPīPsCḡC,PḡCḡPḡPḡPSPSCḡ P±CḡP»Pë PSPḡPrPsCḡC,CḡPīPSC-.

P>C-PeCḡPIP°PSPSCḡ

Pj PīP°C†C-C”PSC,C-PI P·C- P·PSP°C†PSPëPj P·PSPëPḡPḡPSPSCḡPj C,,CḡP°PeC†C-C— PIPëPePëPrCḡ P»C-PIPsPiPs CëP»CḡPSPsC†PeP° (PḡP’P»Pë) PīPḡCḡPḡCḡPëPIP°PSPSCḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P°/P°P±Ps P·PSPëPḡPḡPSPSCḡ PrPsP·Pë PīP°P·PsPīP°PSC-P±Cḡ CḡP»C-Pr PīPsC”PrPSCḡPIP°C,Pë P· P»C-PeCḡPIP°PSPSCḡPj PiC-PiPḡCḡC,PḡPSP·C-C— (CḡPeC%Ps PIPsPSP° PīCḡPëCḡCḡC,PSCḡ, PrPëPI. PīPsPīPḡCḡPḡPrPḡPḡPSPSCḡ PīCḡPs PiC-PiPḡCḡC,PḡPSP·C-Cḡ PIPëC%Pḡ) PIC-PrPīPsPIC-PrPSPs PrPs PeP»C-PSC-C†PSPëC... PīPsPeP°P·P°PSCḡ.

PḡPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ QT C- PīPsP»C-PjPsCḡC,,PSP° CëP»CḡPSPsC†PePsPIP° C,P°C...C-PeP°CḡPrC-Cḡ C,PëPīCḡ B«PīC-CḡCḡPḡC,B» (torsade de pointes).

PḡC-Pr C†P°Cḡ PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrPḡPḡPSCḡ C%PsPrPs PIPëPIC†PḡPSPSCḡ P’PsC,CḡC-C”PSC,Cḡ^{PḡPḡ} P±CḡP»Pë PIPëPīP°PrPePë PīPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ QT C- CḡPsP·PIPëC,PeCḡ torsade de pointes PSP° C,P»C- PīCḡPëPḡPsPjCḡ PīCḡPḡPīP°CḡP°C,Cḡ (PrPëPI. CḡPsP·PrC-P» B«PḡPsP±C-C†PSC- CḡPḡP°PeC†C-C—B»). P’PsC,CḡC-C”PSC,^{PḡPḡ} CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P· PsP±PḡCḡPḡPḡPSC-CḡC,Cḡ PīP°C†C-C”PSC,P°Pj, CḡPeC- PjP°P»Pë PīPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ QTB PI P°PSP°PjPSPḡP·C-, CḡPeC- PīCḡPëPḡPjP°CHC,Cḡ PiCḡPsC,PëP°CḡPëC,PjC-C†PSC- PīCḡPḡPīP°CḡP°C,Pë P°P±Ps C-PSCëC- P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pë, C%Ps PjPsPḡCḡC,Cḡ P±CḡC,Pë

РiРsC,РμPSC†C-PM₀PSPsC_Н РiC_НРeC†PēPSPsC_Н РiРsPrРsPIР¶PμPSPSC‡ C-PSC,РμC_НPIР°P»C_ГQT, P°P±Ps C‡P₀PeC- PjP°C_НC,Ч P·PSP°C†C_ГC%₀C- C‡PμC_НC†PμPIРs-C‡C_ГPrPēPSPSC- P·P°C...PIРsC_НC_НPIР°PSPSC‡. РμC_НРe P·P°C‡C,PsC‡C_ГPIР°PSPSC- P'PsC,C_НC-C''PSC,C_Г^{РyР_Н}C_НРμPePsPjPμPSPPrРsPIР°PSPs P·C_НPsP±PēC,Pē РμP»PμPeC,C_НPsPeP°C_НPrC-PsPiC_НP°PjC_ГРiРμC_НРμPr РiРsC†P°C,PePsPj P»C-PeC_ГPIР°PSPSC‡ C- РiРsPIC,PsC_НC_НPIР°C,Pē C—C— РiРμC_НC-PsPrPēC†PSPs РiC_НPsC,C‡P₀PsPj C,РμC_НP°PiC—C,P° РiC-PrC,C_НРePjC_ГPIР°C,Pē C_НC-PIРSC- РμP»PμPeC,C_НPsP»C-C,C-PI (PeP°P»C_НC†C-C_Н, PjP°PiPSC-C_Н, PeP°P»C-C_Н) PI PjPμP¶P°C... PSPsC_НPjP°P»C_НPSPsPiРs PrC-P°РiР°P·PsPSC_Г P·PSP°C†PμPSC_Н C†PēC... РiРsPeP°P·PSPēPeC-PI.

Р_НC_НC,РμC_НC-P°P»C_НPSPēPN₀ C,C_НPsPjP±PsP.

РμC-Pr C†P°C‡ PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н C%₀PsPrPs PIРēPIC†PμPSPSC‡ P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°P»PēC‡C‡ PIРēРiР°PrPePē C_НPsP·PIРēC,PeC_ГC-PSC,,P°C_НPeC,C_Г PjC-PsPeP°C_НPrP°, C-CēPμPjC-C— PjC-PsPeP°C_НPrP°, B C‡C,РμPSPsPeP°C_НPrC-C—, C-CēPμPjC-C†PSPsPiРs C-PSC‡C_ГP»C_НC,C_Г C,P° C,C_НP°PSP·PēC,PsC_НPSPēC... C-CēPμPjC-C†PSPēC... P°C,P°Pe PSP° C,P»C- РiC_НРePN₀PsPjC_ГРiC_НРμРiР°C_НP°C,C_Г (PrPēPI. C_НPsP·PrC-P» B«PμPsP±C-C†PSC- C_НРμP°PeC†C-C-B»). Р_НP°P»Pē PjC-C‡C†Pμ P»PμC,P°P»C_НPS- PIРēРiР°PrPePē PI C_НРμP·C_ГP»C_НC,P°C,C- C†PēC... C_ГC‡P₀PeP»P°PrPSPμPSC_Н. P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P»C-Pr P·P°C‡C,PsC‡C_ГPIР°C,Pē P·PsP±PμC_НРμP¶PSC-C‡C,C_Н РiР°C†C-C''PSC,P°Pj, C‡P₀PeC- PjP°C_НC,Ч РiC-PrPIРēC%₀РμPSPēPN₀ C_НРeP·PēPe C,C_НPsPjP±PsC,PēC†PSPēC... C‡PIРēC%₀ P°P±Ps PjP°P»Pē C,P°PeC- C‡PIРēC%₀P° PI P°PSP°PjPSPμP·C-. РμP°P·PsРiР°PSC-P± PSPμ PIРēPIC†P°P»Pē PrP»C‡ P»C-PeC_ГPIР°PSPSC‡ РiР°C†C-C''PSC,C-PI, C‡P₀PeC- PjP°P»Pē C,C_НPsPjP±PsC,PēC†PSC- C‡PIРēC%₀P° P·P° РiРsPiРμC_НРμPrPSC- 6 PjC-C‡C‡C†C-PI. P C-CēPμPSPSC‡ РiC_НPs РiC_НРeP·PSP°C†PμPSPSC‡ P»C-PeC_ГPIР°PSPSC‡ C†PēPj РiC_НРμРiР°C_НP°C,PsPj PjP°C'' T'C_НC_ГPSC,C_ГPIР°C,PēC‡C‡ PSP° PsC†C-PSC†C- C‡РiC-PIРIC-PrPSPsCēPμPSPSC‡ PePsC_НРeC‡C,Ч/C_НРeP·PēPe PrP»C‡ PePsP¶PSPsPiРs PsPeC_НРμPjPsPiРs РiР°C†C-C''PSC,P°.

P'PμPSPsP·PSP° C,C_НPsPjP±PsPμPjP±PsP»C-C‡.

РμC-Pr C†P°C‡ PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н PrC-C— P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°P»PēC‡C‡ PIРēРiР°PrPePē C_НPsP·PIРēC,PeC_ГPIРμPSPsP·PSPsC— C,C_НPsPjP±PsPμPjP±PsP»C-C—, PIРeP»C_НC†P°C_НC†Pē PIРμPSPsP·PSPēPN₀ C,C_НPsPjP±PsP· C,P° P»PμC,P°P»C_НPS- PIРēРiР°PrPePē C,C_НPsPjP±PsPμPjP±PsP»C-C— P»PμPiРμPSPμPIРsC— P°C_НC,РμC_НC-C—. P_НP°C‡C,PsC,P° C†PēC... PIРēРiР°PrPeC-PI C_Г РiC_НC_ГРiC- РiР°C†C-C''PSC,C-PI C-P· PeP°C_НC†PēPSPsPjPsC_Н Pj_В™ C‡P₀PeC... C,PeP°PSPēPS P±C_ГP»P° PIРēC%₀PsC_Н (5 %), PSC-P¶ C_Г РiC_НC_ГРiC- P· PSPēC_НPePsPIРsPeP»C-C,PēPSPSPsC_Н PeP°C_НC†PēPSPsPjPsC_Н (2 %).

РyC_НPsPjP±PsC,PēC†PSP° PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C‡.

РμPsPIC-PrPsPjP»C‡P»PsC‡C_Н РiC_НPs PIРēРiР°PrPePē C,C_НPsPjP±PsC,PēC†PSPsC— PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C— C_Г C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н P·P°C‡C,PsC‡C_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀Pe PjPsPSPsC,РμC_НP°PiC-C—, C_Г PePsPjP±C-PSP°C†C-C— P· P±PμPIР°C†PēP·C_ГPjP°P±PsPj C,P° C_Г PePsPjP±C-PSP°C†C-C— P· C,PsPiРsC,РμPeP°PSPsPj (PrPēPI. C_НPsP·PrC-P» B«PμPsP±C-C†PSC- C_НРμP°PeC†C-C-B»). PJ C_НP°P·C- PIРēPSPēPePSPμPSPSC‡ C_Г C...PIРsC_НPsPiРs C,C_НPsPjP±PsC,PēC†PSPsC— PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C— P»C-PeC_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,PsPj^{РyР_Н} C‡P»C-Pr РiC_НРeРiРēPSPēC,Pē PSP°P·P°PIР¶PrPē. РμC-C‡P»C‡ РiC_НРeРiРēPSPμPSPSC‡ P»C-PeC_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,PsPj^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°PIC‡C‡ P·PIРsC_НPsC,PSPēPN₀ C_НPsP·PIРēC,PsPe РμC,,РμPeC,C_Г PIC-Pr

C, C₇PsPjP±PsC, PēC±PSPsC— PjC—PeC₇PsP°PSPiC—PsP_iP°C, C—C—. P'PsC, C₇C—C''PSC, ^{P_YP_H} PSPμ
PīC₇PēP·PSP°C±PμPSPēPN₂ PrP»C₇ P»C—PeC₇PiP°PSPSC₇ C₇ PePsPjP±C—PSP°C₇C— P·
C—PSCēPēPjPē P»C—PeP°C₇C₇CHPePēPjPē P·P°C₇PsP±P°PjPē.

P°PμPjPsC₇P°PiC—C±PSC— C₇C₇PeP»P°PrPSPμPSPSC₇.

P—P° PrP°PSPēPjPē PeP»C—PSC—C±PSPēC... PrPsC₇P»C—PrP₇μPSC_H, C%PsPrPs
PIPēPIC±PμPSPSC₇ P'PsC, C₇C—C''PSC, C₇^{P_YP_H} PīPsPIC—PrPsPjP»C₇P»PsC₇C₇ PīC₇Ps
PIPēPīP°PrPePē PīPsC₇PIPē PīPμPjPsC₇P°PiC—C±PSPēC... C₇C₇PeP»P°PrPSPμPSC_H PSP° C, P»C—
PīC₇PēPN₂PsPjC₇ PīC₇PμPīP°C₇P°C, C₇ (PrPēPI. C₇PsP·PrC—P» B«PμPsP±C—C±PSC—
C₇PμP°PeC₇C—C—B»). P_HP°P»Pē PjC—C₇C₇Pμ P»PμC, P°P»CHPSC— PSP°C₇P»C—PrPePē C₇
C₇PμP·C₇P»CHC, P°C, C— PīPμPjPsC₇P°PiC—C±PSPēC... C₇C₇PeP»P°PrPSPμPSC_H.
P'PsC, C₇C—C''PSC, ^{P_YP_H} PSPμ PIPēPIC±P°PIC₇C₇ C₇ PīP°C₇C—C''PSC, C—PI, C₇PeC— PI
P°PSP°PjPSPμP·C— PjP°P»Pē PμPīC—P·PsPrPē PeC₇PsPIPsC...P°C₇PeP°PSPSC₇,
PIPSC₇C, C₇C—CēPSC_HPsC±PμC₇PμPīPSC— PeC₇PsPIPsPIPēP»PēPIPē P°P±Ps PeP»C—PSC—C±PSPs
P·PSP°C±C₇C%C— CēP»C₇PSPePsPIPs—PePēCēPePsPIC— PeC₇PsPIPsC, PμC±C— PīC₇PsC, C₇PIPsPj
PīPsPīPμC₇PμPrPSC—C... 6 PjC—C₇C₇C₇C—PI. P'PsC, C₇C—C''PSC, ^{P_YP_H} C₇P»C—Pr
P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē P· PsP±PμC₇PμP₇PSC—C₇C, C_H PīP°C₇C—C''PSC, P°Pj, C₇PeC—
PjP°C_HC, C_H C₇C₇C, C₇C₇PIPēPN₂ C₇PēP·PēPe PīPμPjPsC₇P°PiC—C±PSPēC... C₇PIPēC%.

P_HPSPμPIC₇PēP·PjPē C, P° C₇PsP·CēP°C₇C₇PiP°PSPSC₇ P°C₇C, PμC₇C—PN₂

P—P°C₇C, PsC₇C₇PiP°PSPSC₇ C—PSPiC—P±C—C, PsC₇C—PI VEGF C₇ PīP°C₇C—C''PSC, C—PI P·
P°C₇C, PμC₇C—P°P»CHPSPsC_H PiC—PīPμC₇C, PμPSP·C—C''C_H P°P±Ps P±PμP· PSPμC— PjPsP₇μ
C₇PīC₇PēC₇C, Pē C₇C, PIPsC₇PμPSPSC_H P°PSPμPIC₇PēP·Pj C, P°/P°P±Ps
C₇PsP·CēP°C₇C₇PiP°PSPSC_H P°C₇C, PμC₇C—PN₂. PμPμC₇Cē PSC—P₇
P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē PīP°P·PsPīP°PSC—P±, C₇PμPN₂ C₇PēP·PēPe C₇P»C—Pr
C₇PμC, PμP»CHPSPs C₇PsP·PiP»C₇PSC₇C, Pē C₇ PīP°C₇C—C''PSC, C—PI P· C, P°PePēPjPē
C,, P°PeC, PsC₇P°PjPē C₇PēP·PēPeC₇, C₇Pe P°C₇C, PμC₇C—P°P»CHPSP°
PiC—PīPμC₇C, PμPSP·C—C₇ P°P±Ps P°PSPμPIC₇PēP·PjP° PI P°PSP°PjPSPμP·C—.

*PμPμC₇C,, PsC₇P°C₇C— C, P° C,, C—C₇C, C₇P»Pē CēP»C₇PSPePsPIPs—PePēCēPePsPIPsPiPs
C, C₇P°PeC, C₇ (PēP₇P_Y).*

PμC—Pr C±P°C₇ PeP»C—PSC—C±PSPēC... PrPsC₇P»C—PrP₇μPSC_H C%PsPrPs PIPēPIC±PμPSPSC₇
P'PsC, C₇C—C''PSC, C₇^{P_YP_H} P±C₇P»Pē PIPēPīP°PrPePē PīPμC₇C,, PsC₇P°C₇C—PN₂ C, P°
C₇C, PIPsC₇PμPSPSC₇ C,, C—C₇C, C₇P» PēP₇P_Y PSP° C, P»C— PīC₇PēPN₂PsPjC₇
PīC₇PμPīP°C₇P°C, C₇ (PrPēPI. C₇PsP·PrC—P» B«PμPsP±C—C±PSC— C₇PμP°PeC₇C—C—B»).
P_HP°P»Pē PjC—C₇C₇Pμ P»PμC, P°P»CHPSC— PIPēPīP°PrPePē PīC—C₇P»C₇
PīPμC₇C,, PsC₇P°C₇C—PN₂. P'PsC, C₇C—C''PSC, ^{P_YP_H} C₇P»C—Pr P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē P·
PsP±PμC₇PμP₇PSC—C₇C, C_H PīP°C₇C—C''PSC, P°Pj, C₇PeC— PjP°C_HC, C_H C₇PēP·PēPe
PIPēPSPēPePSPμPSPSC₇ PīPμC₇C,, PsC₇P°C₇C—PN₂ C, P° C₇C, PIPsC₇PμPSPSC₇ C,, C—C₇C, C₇P»
PēP₇P_Y.

P—P°PiPsC''PSPSC₇ C₇P°PS.

P'PsC₇P»C—PrP₇μPSPSC₇ C%PsPrPs PIPēPIC±PμPSPSC₇ PIPiP»PēPIC₇ P'PsC, C₇C—C''PSC, C₇^{P_YP_H}
PSP° P·P°PiPsC''PSPSC₇ C₇P°PS PIC—PrC₇C₇C, PSC—. P_HC₇PeC—P»CHPePē
C—PSPiC—P±C—C, PsC₇Pē C,, P°PeC, PsC₇P° C₇PsC₇C, C₇ PμPSPPrPsC, PμP»C—C_H C₇C₇PrPēPS
PjPsP₇C₇C, C_H PīPsPiC—C₇CēC₇PiP°C, Pē PīC₇PsC₇PμC₇ P·P°PiPsC''PSPSC₇ C₇P°PS,

PJ PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PuPSPSC¶C... C-P· P·P°P»CrC‡PuPSPSC¶Pj
PiP°C‡C-C"°PSC,C-PI C-P· C¶PsP·PiPsPICÍC¶PrP¶PuPSPsC¶ CÍP°C¶PePsPjPsC¶

Pjбґ™ CҚPePëC... C,PeP°PSPëPS PİPsPIC-PrPsPjP»CҚP»PsCf'CH PİCґPs PIPëPİP°PrPePë
PİPSPµPIPjPsC,PsCґP°PeCf'Cr (PrPëPI. CґPsP·PrC-P» B«PµPsP±C-C±PSC- CґPµP°PeC†C-C—B»).
PµC-Pr C±P°Cf' P»C-PeCf'PIP°PSPSCҚ PİP°P·PsPİP°PSC-P±PsPj PİP°C†C-C"PSC,C-PI Cf'P»C-Pr
CґPµC,PµP»CHbPSPs PsP±Cf'C,PµPґCf'PIP°C,Pë PSP° PSP°CҚIPSC-Cf'C,CH PsP·PSP°Pe C,P°
Cf'PëPjPiC,PsPjC-PI PİPSPµPIPjPsC,PsCґP°PeCf'Cr.B

P†PSC,,PµPeC†C-C—.

PµPsPIC-PrPsPjP»CҚP»PsCf'CH PİCґPs PIPëPİP°PrPePë Cf'PµCґPNµPsP·PSPëC...
C-PSC,,PµPeC†C-PNµ (P· PSPµPNµC,CґPsPİPµPSC-C"CH P°P±Ps P±PµP· PSPµC—), C-PSPsPrC-
P»PµC,P°P»CHbPSC-.

*PµPsPjP±C-PSP°C†C-CҚ P· C-PSC€PëPjPë Cf'PëCf'C,PµPjPSPëPjPë
PİCґPsC,PëPİCžC...P»PëPSPSPëPjPë PİCґPµPİP°CґP°C,P°PjPë.*

PµP»C-PSC-C±PSC- PrPsCf'P»C-PrPґPµPSPSCҚ PrC-C— P'PsC,CґC-C"PSC,Cf'^{PґPµ} (Cf'
PePsPjP±C-PSP°C†C-C— P· PİPµPjPµC,CґPµPeCf'PµPrPsPj, P»P°PİP°C,PëPSC-P±PsPj B C,P°
PİPµPjP±CґPsP»C-P·Cf'PjP°P±PsPj) P±Cf'P»Pë PİCґPëPİPëPSPµPSC- CґP°PSC-C€Pµ C±PµCґPµP·
P·P°Cf'C,PµCґPµPґPµPSPSCҚ C°°PsPrPs PİPµCґPµPIPëC°°PµPSPsC— C,PsPeCf'PëC±PSPsCf'C,C-
C,P°/P°P±Ps Cf'PjPµCґC,PSPsCf'C,C-. P'PµP·PİPµC±PSPsC— C,P° PµC,,PµPeC,PëPIPSPsC—
PePsPjP±C-PSP°C†C-C— PrPsP· C†PëC... PİCґPµPİP°CґP°C,C-PI PICf'C,P°PSPsPIPëC,Pë PSPµ
PIPrP°P»PsCf'CҚ. P'PsC,CґC-C"PSC,^{PґPµ} PSPµ PİCґPëP·PSP°C±PµPSPëPNµ PrP»CҚ
P·P°Cf'C,PsCf'CrPIP°PSPSCҚ Cf' PePsPjP±C-PSP°C†C-C— P· C†PëPjPë PİCґPµPİP°CґP°C,P°PjPë.

P®PIPµPSC-P»CHbPSP° C,PsPeCf'PëC±PSC-Cf'C,CH Cž C,PIP°CґPëPS.

P— PsPİP»CҚPrCf' PSP° PjPµC...P°PSC-P·Pj PrC-C—, P'PsC,CґC-C"PSC,^{PґPµ} PjPsPґPµ
Cf'PëP»CHbPSPs PİPİP»PëPIP°C,Pë PSP° CґPsP·PIPëC,PsPe PsCґPiP°PSC-PI C,P°
PrPsP·CґC-PIP°PSPSCҚ Cf' CґP°PSPSCHbPsPjCf' PİPsCf'C,PSP°C,P°P»CHbPSPsPjCf'
PİPµCґC-PsPrC-, C,PsPjCf' P'PsC,CґC-C"PSC,^{PґPµ} PSPµ PjPsPґPSP° PİCґPëP·PSP°C±P°C,Pë
PrC-C,CҚPj PrPs 2 CґPsPeC-PI.

P'P°PiC-C,PSC-Cf'C,CH.

P'PsPeP»C-PSC-C±PSC- PrPsCf'P»C-PrPґPµPSPSCҚ PSP° C,PIP°CґPëPSP°C... PİPsPeP°P·P°P»Pë
CґPµPİCґPsPrCf'PeC,PëPIPSCf' C,PsPeCf'PëC±PSC-Cf'C,CH PİCґPµPİP°CґP°C,Cf'. PİPeC°°Ps
P'PsC,CґC-C"PSC,^{PґPµ} P·P°Cf'C,PsCf'PsPICr'C,CbCf'CҚ PİC-Pr C±P°Cf' PIP°PiC-C,PSPsCf'C,C-
P°P±Ps CҚPeC°°Ps PİP°C†C-C"PSC,PeP° P·P°PIP°PiC-C,PSC-P»P° PİC-Pr C±P°Cf'
P»C-PeCf'PIP°PSPSCҚ C†PëPj PİCґPµPİP°CґP°C,PsPj, PSPµPsP±C...C-PrPSPs
C-PSC,,PsCґPjCf'PIP°C,Pë PİP°C†C-C"PSC,PeCf' PİCґPs PİPsC,PµPSC†C-PNµPSCf'
PSPµP±PµP·PİPµPeCf' PİCґPµPİP°CґP°C,Cf' PrP»CҚ PİP»PsPrP°. P-C-PSPeP°Pj
PrC-C,PsCґPsPrPSPsPiPs PIC-PeCf' Cf'P»C-Pr CґPµPePsPjPµPSPrCf'PIP°C,Pë
P·P°PİPsP±C-PİP°C,Pë PIP°PiC-C,PSPsCf'C,C- PİC-Pr C±P°Cf' P»C-PeCf'PIP°PSPSCҚ
PİP°P·PsPİP°PSC-P±PsPj C,P° PİCґPsC,CҚPiPsPj 2 C,PëPґPSC-PI PİC-Cf'P»CҚ PNµPsPiPs
PİCґPëPİPëPSPµPSPSCҚ (PrPëPI. CґPsP·PrC-P» B«P—P°Cf'C,PsCf'CžPIP°PSPSCҚ Cž
PİPµCґC-PsPr PIP°PiC-C,PSPsCf'C,C- P°P±Ps PİPsPrCžPIP°PSPSCҚ PİCґCžPrPrCHb»).

P'P·P°C"PjPsPrC-C—.

PґP»C-Pr Cf'PSPëPeP°C,Pë Cf'CrPjC-Cf'PSPsPiPs P·P°Cf'C,PsCf'CrPIP°PSPSCҚ P·
Cf'PëP»CHbPSPëPjPë C-PSPiC-P±C-C,PsCґP°PjPë CYP3A4, P -gp P°P±Ps BCRP C±PµCґPµP·
CґPëP·PëPe PİC-PrPIPëC°°PµPSPSCҚ PµPeCf'PİPsP·PëC†C-C— PİP°P·PsPİP°PSC-P±Cf' (PrPëPI.

$P''PsC, P_{\mu}P_{\pi}P_{\mu}C_{\eta}$ PIC-PrCfCfC, PSC- $P_{\pi}P_{\mu}C_{\eta}P_{\mu}PePsPSP \gg P\ddot{e}PIC-$ PrPsPeP°P·PsPIC- PrP°PSC-
 $C_{\infty}PsPrPs$ P·P°CfC, PsCfCfPIP°PSPSC $\sqcup$ P'PsC, C η C-C''PSC, C $\overset{PyPh}{r}$ PIP°PiC-C, PSPëPj P¶C-PSPeP°Pj.
 B P·PeCfP π P μ C η PëPjP μ PSC, P°P»CHbPSC- PrPsCfP»C-PrP¶P μ PSPSC $\sqcup$ C $\overset{r}{r}$ C, PIP°C η PëPS
 $PiC_{\eta}PsPrP_{\mu}PjPsPSCfC, C_{\eta}CfPIP^{\circ}P \gg P\ddot{e}$ C η P μ PiC η PsPrCfPeC, PëPIPC $\overset{r}{r}$ C, PsPeCfPëC $\ddagger$ PSC-CfC, CHb
 $PiC_{\eta}P_{\mu}P_{\pi}P^{\circ}C_{\eta}P^{\circ}C, C\overset{r}{r}. P_{\pi}PsC, P_{\mu}PSC\ddagger C-PM_2PSP\ddot{e}PN_2$ C η PëP·PëPe PiC η P μ P π P°C η P°C, C $\overset{r}{r}$ PrP»C $\sqcup$
 $P \gg CHPrP\ddot{e}PSP\ddot{e}$ PiPsPePë $C_{\infty}Ps$ P·P°P»PëC€P°C''C, CHbCfC $\sqcup$ PSP μ PIC-PrPsPjPëPj.
 $P'PsC, C_{\eta}C-C''PSC, P_{\pi}^{PyPh}PSP_{\mu}$ PiPsPIPëPSP μ PS P·P°CfC, PsCfPsPIC $\overset{r}{r}$ PIP°C, PëCfC $\sqcup$ PiC-Pr C $\ddagger$ P°Cf

PIP°PiC-C,PSPsCfC,C-, P·P° PIPëPSCfC,PePsPj PIPëPïP°PrPeC-PI, PePsP»Pë
PïPsC,PμPSC†C-PNëPSP° PePsCfPëCfC,CH PIC-Pr P·P°CfC,PsCfCfPIP°PSPSCfC
PïPμCfPμPIP°P¶P°C” CfPëP·PëPe. PïPeC%Ps P’PsC,CfC-C”PSC,^{PÿPñ}
P·P°CfC,PsCfPsPICfC”C,CHCfCfCf PïC-Pr C†P°Cf PIP°PiC-C,PSPsCfC,C- P°P±Ps CfPeC%Ps
PïP°C†C-C”PSC,PeP° P·P°PIP°PiC-C,PSC-P»P° PSP° C,,PsPSC- PïCfPëPNëPsPjCf PrP°PSPsPiPs
PïCfPμPïP°CfP°C,Cf, PSPμPsP±C...C-PrPSPs PïPsCfCfPSPëC,Pë PïP°C†C-C”PSC,C†C- PïCfPs
PïPsC,PμPSC†C-PNëPSCf PSPμP±PμP·PïPμPeCf PïCfPμPïP°CfP°C,Cf PrP»Cf PïP»PsPrP°.

P— PjPμC,PsCf P·P°PïPsP±C-PïP°PSPSCf PIP°PiC-C,PSPsCfC,C- PïCfPë C,PμCfP°PïC-C—
PïP°P·PsPïP°PSC-P±PsPj P¶C-PSPeP°Pj CfPμPïCfPsPrCfPeC,PëPIPSPsPiPs PIC-PeCf C†P»C-Pr
CfPμPePsPjPμPSPPrCfPIP°C,Pë P·P°CfC,PsCfPsPICfPIP°C,Pë PμC,,PμPeC,PëPIPSC- PjPμC,PsPrPë
PePsPSC,CfP°C†PμPïC†C-C— PïC-Pr C†P°Cf P·P°CfC,PsCfCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±Cf
C,P° PïCfPsC,CfPiPsPj 2 C,PëP¶PSC-PI PïC-C†P»Cf PïCfPëPïPëPSPμPSPSCf
P·P°CfC,PsCfCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±Cf.

PμP°C†C-C”PSC,Pë C†PsP»PsPIC-C†PsC— CfC,P°C,C- (PI C,PsPjCf C†PëCfP»C- C,C-, PePsPjCf
PïCfPsPiPsPrPëP»Pë PIP°P·PμPeC,PsPjC-Cf) PïPsPIPëPSPSC- PIPëPePsCfPëCfC,PsPICfPIP°C,Pë
PïCfPμP·PμCfPIP°C,PëPIPë PïC-Pr C†P°Cf CfC,P°C,PμPiPsPiPs P°PeC,Cf PI PïPμCfC-PsPr
P»C-PeCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±PsPj C- PïCfPsC,CfPiPsPj PïCfPëPSP°PNëPjPSC- 2
C,PëP¶PSC-PI PïC-C†P»Cf PïCfPëPNëPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pë
PïP°P·PsPïP°PSC-P±Cf, C%PsP± CfPSPëPePSCfC,Pë PjPsP¶P»PëPiPsPiPs PïP»PëPICf
PïCfPμPïP°CfP°C,Cf PSP° PïP°CfC,PSPμCfC-PI ðf” PIP°PiC-C,PSPëC... P¶C-PSPsPe
CfPμPïCfPsPrCfPeC,PëPIPSPsPiPs PIC-PeCf.

PμPμCfC-PsPr PiPsPrC¿PIP°PSPSCf PïCfC¿PrPrCf.

PkP° CfCHPsPiPsPrPSC- P±PμP·PïPμC†PSC-CfC,CH P·P°CfC,PsCfCfPIP°PSPSCf
P’PsC,CfC-C”PSC,Cf^{PÿPñ} Cf PïPμCfC-PsPr PiPsPrCfPIP°PSPSCf PïCfCfPrPrCf PSPμ
PrPsCfP»C-PrP¶PμPSP°. PkPμ PIC-PrPsPjPs, C†Pë PμPeCfPeCfPμC,CfC”C,CHCfCfCf
PïP°P·PsPïP°PSC-P± Cf PïCfCfPrPSPμ PjPsP»PsPePs P»CfPrPëPSPë, C,PsPjCf PïC-Pr C†P°Cf
P»C-PeCfPIP°PSPSCf P’PsC,CfC-C”PSC,PsPj^{PÿPñ} PSPμPsP±C...C-PrPSPs PïCfPëPïPëPSPëC,Pë
PiPsPrCfPIP°PSPSCf PïCfCfPrPrCf.

*P—PrP°C,PSC-CfC,CH PIPïP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CfC,CH CfPμP°PeC†C-C— PïCfPë
PePμCfC¿PIP°PSPSC- P°PIC,PsC,CfP°PSCfPiPsCfC,PsPj P°P±Ps CfPsP±PsC,C- P· C-PSCëPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

P’PsC,PμPïPμCf PSPμ PïCfPsPiPsPrPëP»PsCfCf PrPsCfP»C-PrP¶PμPSCf C%PsPrPs
PIPïP»PëPICf P’PsC,CfC-C”PSC,Cf^{PÿPñ} PSP° P·PrP°C,PSC-CfC,CH PePμCfCfPIP°C,Pë
P°PIC,PsPjPsP±C-P»PμPj P°P±Ps PSP° PjPsP¶P»PëPIC-CfC,CH PïCfP°C†CfPIP°C,Pë P·
CfC-P·PSPëPjPë PjPμC...P°PSC-P·PjP°PjPë. P’CfP°C...PsPICfCHC†Pë
C,,P°CfPjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PëPiPsCfC,C- PïP°P·PsPïP°PSC-P±Cf, PNëPsPiPs
PSPμCfPïCfPëCfC,P»PëPIPëPNë PIPïP»PëPI PSP° C,P°PeC- PIPëPrPë PrC-CfP»CHPSPsCfC,C-
PjP°P»PsPNëPjPsPIC-CfPSPëPNë. PμCfPë PsC†C-PSC†C- P·PrP°C,PSPsCfC,C- PïP°C†C-C”PSC,P°
PIPëCfC-CëCfPIP°C,Pë P·P°PIPPrP°PSPSCf, C%Ps PïPsC,CfPμP±CfCfC,CH
PïCfPëPNëPSCfC,C,Cf CfC-CëPμPSCf, CfC-PIPSCf PNëPsPiPs PjPsC,PsCfPSPëC... C-
PePsPiPSC-C,PëPIPSPëC... PSP°PIPëC†PsPe, PïPsPIPëPSPμPS PICfP°C...PsPICfPIP°C,PëCfCf
PeP»C-PSC-C†PSPëPNë CfC,P°C,CfCf C...PiPsCfPsPiPs C,P° PïCfPsC,,C-P»CH
PïPsP±C-C†PSPëC... CfPμP°PeC†C-PNë P’PsC,CfC-C”PSC,Cf^{PÿPñ}.

$P''PsC, P_{\mu}P_{\mu}C_{\overline{H}} PIC-PrC\overline{C}C, PSC-PN_{\overline{e}} PrPsC\overline{I}PIC-Pr P \cdot P^{\circ}C\overline{C}, PsC\overline{C}PIP^{\circ}PSPSC\overline{I}$
 $P'PsC, C_{\overline{H}}C-C''PSC, Cr^{\overline{P}P_{\overline{H}}} PiP^{\circ}C\overline{C}-C''PSC, P^{\circ}P_j P \cdot C, C\overline{I}P_{\overline{H}}PePsC_{\overline{H}} PSP\overline{e}C_{\overline{H}}PePsPIP_{\overline{H}}C_{\overline{H}}$
 $PSP_{\mu}PrPsC\overline{C}, P^{\circ}C, PSC-C\overline{C}, C_{\overline{H}} P^{\circ}P \pm Ps PiP^{\circ}C\overline{C}-C''PSC, P^{\circ}P_j, C\%_{\overline{O}}Ps PsC, C_{\overline{H}}P\overline{e}P_jC\overline{C}C, C_{\overline{H}}$
 $PiP_{\mu}C_{\overline{H}}P\overline{e}C, PsPSP_{\mu}P^{\circ}P \gg C_{\overline{H}}PSP\overline{e}PN_{\overline{e}} PrC-P^{\circ}P \gg C-P \cdot P^{\circ}P \pm Ps PiP_{\mu}P_jPsPrC-P^{\circ}P \gg C-P \cdot, C, PsP_jC\overline{C}$
 $PiC_{\overline{H}}P\overline{e}P \cdot PSP^{\circ}C \pm P_{\mu}PSPSC\overline{I} P'PsC, C_{\overline{H}}C-C''PSC, Cr^{\overline{P}P_{\overline{H}}} C, P^{\circ}PeP\overline{e}P_j PiP^{\circ}C\overline{C}-C''PSC, P^{\circ}P_j PSP_{\mu}$
 $C_{\overline{H}}P_{\mu}PePsP_jP_{\mu}PSP\overline{C}C, C_{\overline{H}}C\overline{C}\overline{C}\overline{C}. P\overline{K}P\overline{e}C_{\overline{H}}PePsPIP^{\circ} PSP_{\mu}PrPsC\overline{C}, P^{\circ}C, PSC-C\overline{C}, C_{\overline{H}} PSP_{\mu}$
 $PiPsPIP\overline{e}PSPSP^{\circ} P_jP^{\circ}C, P\overline{e} PeP \gg C-PSC-C \pm PSP_s P \cdot PSP^{\circ}C \pm C\overline{C}\%_{\overline{O}}PsPiPs PIPiP \gg P\overline{e}PIC\overline{C} PSP^{\circ}$

C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCř PïP°P·PsPïP°PSC-P±Cř, PICḡP°C...PsPICřCḡC±Pë
PSPëP·CHḡPePëPNë CḡC-PIPµPSCḡ PµPeCřPeCḡPµC†C-C— PïP°P·PsPïP°PSC-P±Cř C,P° PNëPsPiPs
PjPµC,P°P±PsP»C-C,PI C†PµCḡPµP· PSPëCḡPePë, PePsCḡPëPiCřPIP°PSPSCḡ PrPsP·Pë
PïCḡPµPïP°CḡP°C,Cř PïCḡPë C†CHḡPsPjCř PSPµ PïPsC,CḡC-P±PSPµ C...PIPsCḡPëPj P·
PeP»C-CḡPµPSCḡPsPj PeCḡPµP°C,PëPSC-PSCř ≥ 30 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

PµPµC†C-PSPePsPIP° PSPµPrPsCřC,P°C,PSC-CřC,CHḡ.

P'PµP·PïPµC†PSC-CřC,CHḡ P·P°CřC,PsCřCřPIP°PSPSCḡ PïP°P·PsPïP°PSC-P±Cř C,P°
PsCřPsP±P»PëPIPsCřC,C- PNëPsPiPs C,,P°CḡPjP°PePsPeC-PSPµC,PëPePë Cř PïP°C†C-C"PSC,C-PI
P· C-CřPSCřCḡC±PsCḡ PïPµC†C-PSPePsPIPsCḡ PSPµPrPsCřC,P°C,PSC-CřC,Cḡ PrPsC,PµPïPµCḡ
PIPëPIC†PµPSC- PSPµPrPsCřC,P°C,PSCHḡPs (PrPëPI. CḡPsP·PrC-P» B«PḡCřPsP±P»PëPIPsCřC,C-
P·P°CřC,PsCřCřPIP°PSPSCḡB»).

P'CřC-Pj PïP°C†C-C"PS C,P°Pj CřP»C-Pr P·CḡPsP±PëC,Pë PïPµC†C-PSPePsPIC- PïCḡPsP±Pë
C%PsPrPs PïPsCḡCřCëPµPSPSCḡ C,,CřPSPeC†C-C— PïPµC†C-PSPePë PïPµCḡPµPr
PïPsC†P°C,PePsPj C,P° PïC-Pr C†P°Cř P»C-PeCřPIP°PSPSCḡ PïP°P·PsPïP°PSC-P±PsPj.
PµP°C†C-C"PS C,P°Pj P· PïPsCḡCřCëPµPSPSCḡPj C,,CřPSPeC†C-C— PïPµC†C-PSPePë
P»PµPiPePsPiPs C,P° PïPsPjC-CḡPSPsPiPs CřC,CřPïPµPSCḡ CřP»C-Pr
P·P°CřC,PsCřPsPICřPIP°C,Pë PïP°P·PsPïP°PSC-P± P· PsP±PµCḡPµP¶PSC-CřC,Cḡ, P° C,P°PePsP¶
PïCḡPsPIPsPrPëC,Pë CḡPµC,PµP»CHḡPSPëPNë PePsPSC,CḡPsP»CHḡ
PïPµCḡPµPSPsCřPëPjPsCřC,C-.

P"P»Cḡ C...PIPsCḡPëC... P· PSPµP·PSP°C†PSPëPjPë P·PjC-PSP°PjPë PïPµC†C-PSPePsPIPëC...
PïCḡPsP±, C%Ps PIPëP·PSP°C†P°CḡC,CHḡCřCḡ CḡPe PïC-PrPIPëC%PµPSPSCḡ CḡC-PIPsCḡ
PḡP»Pḡ PïCḡPë PSPsCḡPjP°P»CHḡPSPsPjCř CḡC-PIPsC- P±C-P»C-CḡCřP±C-PSCř P°P±Ps CḡPe
PïC-PrPIPëC%PµPSPSCḡ CḡC-PIPsCḡ P±C-P»C-CḡCřP±C-PSCř PI 1,5 CḡP°P·P° PIPëC%Pµ
P'PḡPḡ PSPµP·P°P»PµP¶PSPs PIC-Pr CḡC-PIPsCḡ PḡP»Pḡ, PrPsP·P° PïCḡPµPïP°CḡP°C,Cř
CřC,P°PSPsPIPëC,CHḡ 800 PjPi 1 CḡP°P· PSP° PrPµPSCḡ.

PJ PïP°C†C-C"PS C,PI P· PïPsPjC-CḡPSPsCḡ PrPëCřC,,CřPSPeC†C-C"CHḡ PïPµC†C-PSPePë
(P·P°PiP°P»CHḡPSPëPNë P±C-P»C-CḡCřP±C-PS PI 1,5-3 CḡP°P·Pë PIPëC%PëPNë P·P° P'PḡPḡ
PSPµP·P°P»PµP¶PSPs PIC-Pr CḡC-PIPsCḡ PḡP»Pḡ) PrPsP·Cř P'PsC,CḡC-C"PS C,Cř^{PḡPḡ}
PSPµPsP±C...C-PrPSPs P·PSPëP·PëC,Pë PrPs 200 PjPi PSP° PrPsP±Cř. P"PsC,PµPïPµCḡ
PSPµPrPsCřC,P°C,PSCHḡPs PrP°PSPëC... PïCḡPs P·P°CřC,PsCřCřPIP°PSPSCḡ
PïCḡPµPïP°CḡP°C,Cř PïP°C†C-C"PS C,P°Pj P· C,CḡP¶PePsCḡ PïPµC†C-PSPePsPIPsCḡ
PSPµPrPsCřC,P°C,PSC-CřC,Cḡ (P·P°PiP°P»CHḡPSPëPNë P±C-P»C-CḡCřP±C-PS P±C-P»CHḡCë
PSC-P¶ Cř 3 CḡP°P·Pë PIPëC%PëPNë P·P° P'PḡPḡ PSPµP·P°P»PµP¶PSPs PIC-Pr CḡC-PIPsCḡ
PḡP»Pḡ); Cř P·PIBḡ™ CḡP·PeCř P· C†PëPj PïCḡPëP·PSP°C†PµPSPSCḡ P'PsC,CḡC-C"PS C,Cř^{PḡPḡ}
C,P°PePëPj PïP°C†C-C"PS C,P°Pj PSPµ CḡPµPePsPjPµPSPrCřC"C,CHḡCřCḡ.

PIPIPSCḡC- P»C-C,PSCHḡPsPiPs PIC-PeCé.

PµP°C†C-C"PS C,Pë CřC,P°CḡCëPµ 65 CḡPsPeC-PI PSPµ PïPsC,CḡPµP±CřCḡC,CHḡ
PePsCḡPµPeC†C-C— PrPsP·Pë, C†P°CřC,PsC,Pë C,P° CřPïPsCřPsP±Cř PïCḡPëPNëPsPjCř
PïCḡPµPïP°CḡP°C,Cř.

P"C-C,Pë.

P'PµP·PïPµC†PSC-CřC,CHḡ C,P° PµC,,PµPeC,PëPIPsC-CřC,CHḡ P·P°CřC,PsCřCřPIP°PSPSCḡ
P'PsC,CḡC-C"PS C,Cř^{PḡPḡ} Cř PrC-C,PµPNë PrPsC,PµPïPµCḡ PSPµ PIPëPIC†PµPSC- (PrPëPI.

$$\text{C}_7\text{H}_5\text{PsP} \cdot \text{PrC-P} \gg \text{B} \ll \text{PhCl}^+\text{PsP} \pm \text{P} \gg \text{P} \ddot{\text{e}} \text{PIP} \text{S} \text{Cl}^+\text{C}, \text{C-} \text{P} \cdot \text{P}^{\circ} \text{Cl}^+\text{C}, \text{PsCl}^+\text{Cr} \text{PIP}^{\circ} \text{PSPSCl} \text{B} \gg).$$

PμPμCΠPμPΓPsP·CζPIP°PSPSCΠ.

PJ PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C... PIPëPIC†P°P»PëCÍC¶ PrPsP·Pë
P'PsC,C¶C-C" PSC,CÍ^{PyPb} PrPs 2000 PjPi. PJ 1 P· 3 PiP°C†C-C" PSC,C-PI, C%Ps
PsC,C¶PëPjCÍPIP°P»Pë PiC¶PµPiP°C¶P°C, CÍ PrPsP·P°C... 2000 PjPi C,P° 1000 PjPi PSP°
PrPsP±CÍ, CÍPiPsCÍC,PµC¶C-PiP°P»PëCÍC¶ PiC-PrPIPëC%PµPSP°
PIC,PsPjP»C¶PIP°PSC-CÍC,C¶ 3-PiPs CÍC,CÍPiPµPSC¶ C,C¶P¶PePsCÍC,C-
(PrPsP·PsP»C-PjC-C,CÍC¶C†P° C,PsPeCÍPëC†PSC-CÍC,C¶) C,P° P°C¶C,PµC¶C-P°P»C¶PSP°
PiC-PiPµC¶C,PµPSP·C-C¶ 3-PiPs CÍC,CÍPiPµPSC¶ C,C¶P¶PePsCÍC,C- PIC-PrPiPsPIC-PrPSPs.

$$P\check{Y}P\ddot{e}PjP\ddot{i}C,PsPjP\ddot{e} C,P^{\circ} PsP\cdot PSp^{\circ}PeP\ddot{e}.$$
$$\begin{aligned} &P''PsC, P_{\mu}P_{\bar{\mu}}P_{\mu}C\bar{\eta} \quad PrPsC\bar{\Gamma}PIC-Pr \quad P_{\bar{\mu}}P_{\mu}C\bar{\eta}P_{\mu}PrPsP \cdot C\acute{r}PIP^{\circ}PSPSC\bar{\eta} \quad P'PsC, C\bar{\eta}C-C''PSC, C\acute{r}^{P\bar{y}P\bar{y}} \\ &PsP \pm P_j P_{\mu}P_{\bar{\mu}}P_{\mu}PSP\bar{e}P\bar{N}_{\circ}. \end{aligned}$$
$$P \succ C - P \epsilon C \acute{z} PIP^{\circ} P S P S C \downarrow.$$

PŸPİPıC†PĖC,,C-C†PSPsPiPs P°PSC,PēPrPsC,Cr PİCḤPē PİPıCḤPıPrPsP·CrPIP°PSPSC-
PİP°P·PsPİP°PSC-P±Cr PSPıPjP°C". P—P°CÍC,PsCÍPsPICrCḤC,CHCÍCı P·PIPĖC†P°PN₂PSC-
PİC-PrC,CḤPēPjCrCḤC†C- P·P°CÍPsP±Pē P·P°P»PıP¶PSPs PIC-Pr PeP»C-PSC-C†PSPĖC...
PİPsPeP°P·P°PSCḤ. P"PıPjPsPrC-P°P»C-P· PSP°PICḤCıPr C†Pē P±CrPrPı CÍPİCḤPĖCıC,Pē
PİPsPeCḤP°C%ıPıPSPSCḤ PıP»C-PjC-PSP°C†C-C— PİP°P·PsPİP°PSC-P±Cr, PsCÍPeC-P»CHPePē
C†PıPN₂ PİCḤPıPİP°CḤP°C, CÍCrC,C,C"PIPs PSPı PıPeCÍPeCḤPıC,CrC"C,CHCÍCı
PSPĖCḤPeP°PjPē C,P° P·PSP°C†PSPsCḤ PjC-CḤPsCḤ P·Plḇḡ™ CıP·CrC"C,CHCÍCı P·
P±C-P»PeP°PjPē PİP»P°P·PjPē PeCḤPsPIC-.

$P_{\psi}P_{\sigma}P_{\pm}C-C\neq PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\neq C-C-$.

P—PIP_μPrP_μPSC- PrP°PSC-, PsC, C₇P₆P₆P°PSC- PI PsC₇PSPsPIPSPsPjC₇
PrPsC₇P»C-PrP_¶P_μPSPSC- C₇ P₆P°C₇C-C°PSC, C-PI P· P₆P₆P₆ (VEG105192, n=290),
C₇P₆P·C₆P₆C₇P_μPSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- (VEG107769, n=71),
PrPsP₆P₆PjC-P_¶PSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- C₇, P°P·P₆ II (VEG102616, n=225) C, P°
C₇P°PSPPrPsPjC-P·PsPIP°PSPsPjC₇ PIC-PrPeC₇P₆C, PsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC-
PSP_μPjP_μPSC₆PsC— P_μC₇, P_μPeC, P₆PIPSPsC₇C, C- PI P₆P°C₇P°P»P_μP»C₇PSP₆C... PiC₇C₇P₆P°C...
C₇, P°P·P₆ III (VEG108844, n=557), P±C₇P»P₆ PiC₇P₆P°PSP°P»C-P·PsPIP°PSC- PI PjP_μP_¶P°C...
P·P°PiP°P»C₇PSPsC— PsC₇C-PSPeP₆ P±P_μP·P₆P_μPeP₆ C, P° P₆P_μC₇P_μPSPsC₇P₆PjPsC₇C, C-
P₆P°P·PsP₆P°PSC-P±C₇ (PIC₇C₇P₆P₆ n=1149) PI PsC₇C-P± P· P₆P₆P₆.

P—PIP_μPrP_μPSC- PrP°PSC-, PsC, C₇H₅PëPjP°PSC- PI P±P°P·PsPIP_μPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC-
C₇ PiP°C₇C-C°PSC, C-PI P· C₇P°C₇PePsPjPsC₇ Pj₅H₇TM C₇IPePëC... PeP»C-C, PëPS (P_YP_HP_Y)
(VEG110727, n=369) C- PrPsPiPsPjC-P_¶PSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- C,,P°P·Pë II
(VEG20002, n=142), P±C₇P»Pë PiC₇PsP°PSP°P»C-P·PsPIP°PSC- PI PjP_μP_¶P°C...
P·P°PiP°P»CH₅PSPsC— PsC₇C-PSPePë P±P_μP·PiP_μPePë C,P° PiP_μC₇P_μPSPsC₇PëPjPsC₇C,C-
PiP°P·PsPiP°PSC-P±C₇ (P·P°PiP°P»CH₅PSP° PiPsPiC₇P»C₇C₇C-C₇ PrP»C₇ PsC₇C-PSPePë
P±P_μP·PiP_μPePë n=382) PI PsC₇C-P± P· P_YP_HP_Y.

**PkPμP±P°P¶P°PSC- CђPμP°PeC†C-C—, PİPsPIвЂ™ CИP·P°PSC- P· P»C-PeCѓPIP°PSPSCИPj,
CИPEc- P±CѓP»Pё P·P°CђPμC”CF’C,CђPSPIP°PSC- PI PrPsCF’P»C-PrP¶PμPSPSCИC... CF
PiP°C†C-C”PSC,C-PI P· PќPљPљ (n=1149) P°P±Ps PiC-Pr C‡P°CЃ
PiC-CЃP»CИCђPμC”CF’C,CђP°C†C-PN₂PSPsPiPs P·P°CЃC,PсCЃCѓPIP°PSPSCИ**

[illegible]

PnPsC ₇ CfC ₆ EP ₁ PSPSC ₁₁ P· P±PsPeCf CfCfPrP ₆ PS	PrCfP¶P ₁ C‡P°CfC,Ps	P ₇ C ₇ C,P ₁ C ₇ C-P°P»CH ₆ PSP° P ₁ C-P ₁ P ₁ C ₇ C,P ₁ PSP-C-C ₁₁	473 (41 %)	115 (10 %)	1 (< 1 %)
	C‡P°CfC,Ps	P ₁ PC ₇ P ₆ PIP»P ₆ PIPI ₆ P°P ₁ PS ₆ P-P ₁ SP ₁ C,C ₇ PsP ₁ P±PsP ₁ P ₁ P±PsP»C-C‡PSP ₁ C ₁₁ PIPI ₆ C°P ₁ ⁷	16 (1 %)	0	0
		P ₁ PsC ₄ P ₁ C ₇ PIPsPSC-PSPSC ₁₁ P ₆ P±P»P ₆ C‡C‡C ₁₁	13 (1 %)	6 (< 1 %)	7 (< 1 %)
	PSPIPC‡P°CfC,Ps	P°C-P ₁ P ₁ PC ₇ C,P ₁ PSP-P ₆ PIPsP ₆ PN ₆ P ₆ C ₇ P ₆ P° P ₇ C ₇ PsPIPsPIPI ₆ P»P ₆ PI	6 (< 1 %)	0	2 (< 1 %)
	C ₇ C-PrPePs	P ₇ PSPIPC ₇ PIPI ₆ P-P ₁ P ₆ C,P° C ₇ PsP-C ₆ P°C ₇ CfPIP°PSPSC ₁₁ P°C ₇ C,P ₁ C ₇ C-PN ₆	12 (1 %)	0	0
PnPsC ₇ CfC ₆ EP ₁ PSPSC ₁₁ P· P±PsPeCf PrP ₆ PC...P°P»CH ₆ PS ₆ C— CfP ₆ CfC,P ₁ P ₁ P ₆ , P ₁ C ₇ CfPrPSP ₆ C— PeP»C-C,C,PeP ₆ C,P° CfP ₁ C ₇ P ₁ PrP ₆ PsCfC,C-PSPSC ₁₁	C‡P°CfC,Ps	P ₆ PsCfP ₆ PIP° P ₆ C ₇ PsPIPsC,P ₁ C‡P° P°P ₆ CfC,PsPSC-C ₁₁ P—P°PrP ₆ C ₆ PeP° P ₇ C ₇ PsPIPsC...P°C ₇ PeP°PSPSC ₁₁	50 (4 %)	1 (< 1 %)	0
	PSPIPC‡P°CfC,Ps	P P ₆ PS ₆ PC ₇ P ₁ C ₁₁ P°P ₁ PIPIPSPIPIPIPI ₆ PN ₆ P ₆ C ₇ PsPIPsPIPI ₆ P»P ₆ PI P ₁ PSPIPIPIPIPsC,PSC ₇ P°P ₆ Cf	8 (< 1 %)	0	0
	P C-PrPePs	PIPSC,P ₁ C ₇ CfC,P ₆ C‡C-P°P»CH ₆ PSP° C...PIPsC ₇ PsP±P° P»P ₁ PIPIPSCH ₆ /PIPSPIPIPIPIPsPSC-C,PC ₇	2 (< 1 %)	0	0
		P°C-P°C ₇ P ₁ C ₁₁ P ₆ CfCfPrPsC,P° P°P»C ₇ PIP°PSPSC ₁₁ P°C-P»CH ₆ PI C ₆ P»C‡PSP ₆ Cf ⁷	614 (53 %)	65 (6 %)	2 (< 1 %)
	C‡P°CfC,Ps	P ₇ C,PsP ₁ P°C,P ₆ C, P°P ₆ CfP ₁ PIPCfC-C ₁₁ P ₇ PN ₆ C,P ₁ PsC ₇ P ₆ P-PI P—PrCfC,C,C ₁₁ P¶PI ₆ PIPsC,P° PIPC,PIPsC ₇ P ₁ PSPSC ₁₁ PIPI ₆ C ₇ P°P-PsP ₆ PI C ₇ PsC,PsPIC-PN ₆ PI ₆ PsC ₇ PsP¶PSP ₆ PSC- P ₇ CfC...C-CfC,CH ₆ PI C ₇ PsC,C-	96 (8 %)	4 (< 1 %)	0
PnPsC ₇ CfC ₆ EP ₁ PSPSC ₁₁ P· P±PsPeCf C ₆ EP»CfPSP ₆ PsPIPs-PeP ₆ C ₆ PePsPIPsPIPs C,C ₇ P°PeC,Cf		P ₁ P°PSP ₆ C ₇ P ₁ P°C,P ₆ C, P ₁ P ₆ C,P°P»CH ₆ PS ₆ P ₁ P ₆ C ₇ PsPIPsPIPsP ₆ P ₁ P ₆ C ₇ PIPsC-CfC,CH ₆ C ₇ PIPsC-P¶PIPsC- P ₆ C ₇ PsPIC- PI P ₆ P°P»C-	8 (< 1 %)	4 (< 1 %)	0
		P ₇ C ₇ PsPIPsPIPI ₆ P»P ₆ PI PI C ₆ P»CfPSP ₆ PsPIPs- PeP ₆ C ₆ PePsPIPsP ₁ P ₁ CfC,C ₇ P°PeC,C-	6 (< 1 %)	0	0
		P ₇ PN ₆ P»P ₁ PSP° P ₇ SP°CfC,C- PIPI ₆ PIPsC ₇ PsP¶PSP ₁ PSPSC ₁₁ P ₁ P ₆ PeC,P°P»CH ₆ PS ₆ P ₁ P ₆ C ₇ PsPIPsPIPI ₆ P»P ₆ PI	4 (< 1 %)	2 (< 1 %)	0
		P ₇ PN ₆ C ₇ C,PsC ₇ P°C‡C-C ₁₁ C,PsPICfC,PsPIPs PeP ₆ C ₆ PIPC‡PSP ₆ PeP°	4 (< 1 %)	1 (< 1 %)	0
		P ₇ C ₇ PsPIPsPIPI ₆ P»P ₆ PI PI C ₇ PsC,PsPIC-PN ₆ PIPsC ₇ PsP¶PSP ₆ PSC-	2 (< 1 %)	0	0
		P ₇ C ₇ PsPIPsPIPI ₆ P»P ₆ PI Cf PIPIPC ₇ C...PSC-C... PIC-PrPrC-P»P°C... C ₆ P»C‡PSP ₆ PsPIPs- PeP ₆ C ₆ PePsPIPsPIPsC,C ₇ P°PeC,Cf	2 (< 1 %)	1 (< 1 %)	0
		P—PsPIPS-C ₆ PS ₁₁ PeP ₆ C ₆ PePsPIP° C ₆ C-CfC,CfP»P° P ₇ C ₇ P ₆ PIP°PIPI P±P»C ₇ PIP°PSPSC ₁₁ P°P ₁ P ₁ P ₁ C ₇ PsC—PrP°P»CH ₆ PS ₆ PN ₆ PeC ₇ PsPIPsPIPI ₆ P»P ₆ PI	1 (< 1 %)	0	0
		P ₁ PIPC ₇ C,PsC ₇ P°C‡C-C ₁₁ PeP»CfP±PsPIPsC— PeP ₆ C ₆ PeP ₆	1 (< 1 %)	0	1 (< 1 %)
		P ₇ C ₇ PsPIPsPIPI ₆ P»P ₆ PI PI CfC,C ₇ P°PIPsC...PsPrC- P P ₁ C,C ₇ PsPIPIPC ₇ P ₆ C,PsPSPIP°P»CH ₆ PS ₆ PN ₆ P ₆ C ₇ PsPIPsPIPI ₆ P»P ₆ PI	1 (< 1 %)	0	0
		P°C-P ₁ PIPC ₇ P±C-P»C-C ₇ CfP±C-PSPIPIPC-C ₁₁ P°C-PrC...P ₆ P»P ₁ PSPSC ₁₁ PIPIPsP ₆ P°P-PSP ₆ PeC-PI C ₆ CfPSP ₆ C‡C-C— PIPIPC‡C-PSPeP ₆	38 (3 %)	2 (< 1 %)	1 (< 1 %)
		P°P ₁ PI°C,PsC,PsPeCfP ₆ C‡PSC-CfC,CH ₆ P-PsPIC,C ₁₁ PSP ₆ C‡C ₁₁ P ₇ PN ₆ PrP ₆ PeP°P ₁ PIPS ₆ C,PsP-PSPI CfC ₇ P°P¶PIPIPS ₆ PI PIPIPC‡C-PSPeP ₆	29 (3 %)	13 (1 %)	2 (< 1 %)
		P ₁ PIPC‡C-PSPeP ₆ P ₁ PIPC‡C-PSPePsPIP° PSPIPrPsCfC,P°C,PS-CfC,CH ₆ ¶	18 (2 %)	11 (< 1 %)	2 (< 1 %)
		P°P ₁ PI°C,PsC,PsPeCfP ₆ C‡PSC-CfC,CH ₆ P-PsPIC,C ₁₁ PSP ₆ C‡C ₁₁ P°P ₁ P ₁ PrP ₆ PeP°P ₁ PIPS ₆ C,PsP-PSPI CfC ₇ P°P¶PIPIPS ₆ PI PIPIPC‡C-PSPeP ₆	3 (< 1 %)	1 (< 1 %)	0
		P ₁ PIPC‡C-PSPePsPIP° PSPIPrPsCfC,P°C,PS-CfC,CH ₆ ¶	2 (< 1 %)	2 (< 1 %)	0
		P—PIPC-PSP° PePsP»CH ₆ PsC ₇ Cf PIPIPs»PsCfCfC ₁₁ P°P ₁ PsP»PsPSPSP ₆ -PIPC-PrPsC ₆ PsPIPSPIPN ₆ CfP ₆ PSPrC ₇ PsP ₁ P ₇ PN»PsPIPIPC‡C-C ₁₁ P°P ₆ CfP ₆ PI	130 (11 %)	0	0
		P°P ₁ PI°C,PsC,PsPeCfP ₆ C‡PSC-CfC,CH ₆ P°P ₁ PI°C,PsC,PsPeCfP ₆ C‡PSC-CfC,CH			

$P\ddot{Y}P\ddot{e}CfC, P_{\mu}PjPSPs-PsC\ddot{H}PiP^{\circ}PSPSP\ddot{e}P\ddot{N}_{\ddot{e}}PeP^{\circ}P^{\circ}Cf$	$P\ddot{S}P^{\circ}CfC, PsC, P^{\circ}(PICfC-CfC, CfPiP_{\mu}PSC-)$	$P\ddot{K}P_{\mu}P\pm P^{\circ}P^{\circ}P^{\circ}PSC- C\ddot{H}P_{\mu}P^{\circ}PeC\ddot{t}C-C-$	$P^{\circ}CfC-CfC, CfPiP_{\mu}PSC-n(\%)$	$P\ddot{Y}C, CfPiC-PSCH-3n(\%)$	$P\ddot{Y}C, CfPiC-PSCH-4n(\%)$	
$P\ddot{t}PSC, P_{\mu}PeC\ddot{t}C-C- C, P^{\circ}C-PSPIP^{\circ}P-C-C-$	$C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{t}PSC, P_{\mu}PeC\ddot{t}C-C\ddot{t} C\ddot{t}CfP_{\mu}PS$	4 (1 %)	0	0	
$P^{\circ}P\pm Ps\pm C\ddot{H}PsC\ddot{t}PeC-CfPSC-, P^{\circ}P\pm PsC\ddot{t}PeC-CfPSC- C, P^{\circ}PSP_{\mu}CfC, PsC\ddot{t}PSP_{\mu}PSC-PSPsPiPsCfC, PiPsC\ddot{H}P_{\mu}PSPSC\ddot{t}(PiPeP\gg C\ddot{H}C\ddot{t}P^{\circ}C\ddot{H}C\ddot{t}P\ddot{e} PeC-CfC, P\ddot{e} C, P^{\circ}PiPsP\gg C-PiP\ddot{e})$	$P^{\circ}CfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P_{\mu}CfC...P\gg P\ddot{e}PSPSP^{\circ} P\pm C-P\gg C\ddot{H}$	121 (32%)	32 (8 %)	0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPeC\ddot{H}PsPIC- C, P^{\circ}P\gg C-PjC, P^{\circ}C, P\ddot{e}C\ddot{t}PSPsC-CfP\ddot{e}CfC, P_{\mu}PjP\ddot{e}^{\circ}$	$P^{\circ}CfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P_{\mu}P\ddot{N}_{\ddot{e}}PePsPiP_{\mu}PSC-C\ddot{t}$ $P\ddot{Y}C\ddot{H}PsPjP\pm PsC\ddot{t}PeC, PsPiP_{\mu}PSC-C\ddot{t}$ $P\ddot{K}P_{\mu}P\ddot{N}_{\ddot{e}}C, C\ddot{H}PsPiP_{\mu}PSC-C\ddot{t}$	106 (44%) 86 (36 %) 79 (33 %)	3 (1 %) 7 (3 %) 10 (4 %)	0 2 (< 1 %) 0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{Y}C\ddot{H}PsPjP\pm PsC, P\ddot{e}C\ddot{t}PSP^{\circ} PjC-P\ddot{e}C\ddot{H}PsP^{\circ}PSPiC-PsPiP^{\circ}C, C-C\ddot{t}(PiPeP\gg C\ddot{H}C\ddot{t}P^{\circ}C\ddot{H}C\ddot{t}P\ddot{e} C, C\ddot{H}PsPjP\pm PsC, P\ddot{e}C\ddot{t}PSCfC, C\ddot{H}PsPjP\pm PsC\ddot{t}PeC, PsPiP_{\mu}PSC-C\ddot{t}PSCfPiCfC\ddot{H}PiCfC\ddot{H}Cf C, P^{\circ} PiP_{\mu}PjPsP\gg C-C, P\ddot{e}C\ddot{t}PSP\ddot{e}P\ddot{N}_{\ddot{e}}CfC\ddot{H}P_{\mu}PjC-C\ddot{t}PSP\ddot{e}P\ddot{N}_{\ddot{e}} CfP\ddot{e}PSPrC\ddot{H}PsPj)$	1 (< 1 %)	1 (< 1 %)	0	
	$C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-PiPsC, P\ddot{e}C\ddot{H}PiP_{\mu}PsP-$	18 (5 %)	0	0	
$P^{\circ}PSPPrPsPeC\ddot{H}P\ddot{e}PSPSC-PiPsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t}$	$C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-PiPsC, P\ddot{e}C\ddot{H}PiP_{\mu}PsP-$	18 (5 %)	0	0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPs\pm PjC-PSCf C\ddot{H}P_{\mu}C\ddot{t}PsPiP\ddot{e}PS C- C...P^{\circ}C\ddot{H}C\ddot{t}CfPiP^{\circ}PSPSC\ddot{t}$	$P^{\circ}CfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P-PSp\ddot{e}P_{\mu}P_{\mu}PSP\ddot{e}P\ddot{N}_{\ddot{e}} P^{\circ}PiP_{\mu}C, P\ddot{e}C,$ $P^{\circ}C-PiPsP^{\circ}P\gg C\ddot{H}P\pm CfPjC-PSp_{\mu}PjC-C\ddot{t}^{\circ}$	108 (28%) 81 (34 %)	12 (3 %) 2 (< 1 %)	0 0	
	$C\ddot{t}P^{\circ}CfC, Ps$	$P-PSp_{\mu}PiPsPrPSP_{\mu}PSPSC\ddot{t}$	4 (1 %)	2 (1%)	0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-PiPsPjP^{\circ}PiPSC-C^{\circ}PjC-C\ddot{t}$	1 (< 1 %)	0	0	
	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}$	$P\ddot{Y}P\ddot{e}PSPrC\ddot{H}PsPj P\gg C-P. P\ddot{e}CfCf PiCfC...P\gg P\ddot{e}PS^*$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	
$P_{\mu}CfP\ddot{e}C...C-P^{\circ}C, C\ddot{H}P\ddot{e}C\ddot{t}PSC-PiPsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t}$	$C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}P_{\mu}P-CfPSPSPSC\ddot{t}$	5 (1 %)	1 (< 1 %)	0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPSp_{\mu}C\ddot{H}PiPsPiPsC- CfP\ddot{e}CfC, P_{\mu}PjP\ddot{e}$	$P^{\circ}CfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}P\ddot{e}CfPiP_{\mu}PiP-C-C\ddot{t}^{\circ}$ $P^{\circ}PsP\gg PsPiPSP\ddot{e}P\ddot{N}_{\ddot{e}} P\pm C-P\gg C\ddot{H}$	79 (21%) 54 (14%)	0 2 (<1%)	0 0	
	$C\ddot{t}P^{\circ}CfC, Ps$	$P_{\mu}P_{\mu}C\ddot{H}P\ddot{e}C, P_{\mu}C\ddot{H}P\ddot{e}C\ddot{t}PSP^{\circ} CfP_{\mu}PSCfPSC\ddot{H}PSP^{\circ} PSp_{\mu}P\ddot{N}_{\ddot{e}}C\ddot{H}PsPiP^{\circ}C, C-C\ddot{t}$ $P-P^{\circ}PiP^{\circ}PjPsC\ddot{H}PsC\ddot{t}P_{\mu}PSPSC\ddot{t}$	30 (8%) 15 (4 %)	1 (<1%) 0	0 0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{Y}PsSP\gg P\ddot{e}PiC-CfC, C\ddot{H}$ $P_{\mu}P^{\circ}C\ddot{H}P_{\mu}CfC, P_{\mu}P-C-C\ddot{t}$	3 (< 1 %) 1 (< 1 %)	0 0	0 0	
		$P\ddot{t}PSC, P^{\circ}C\ddot{H}P\ddot{e}C, PjPsP-PeCf$	1 (< 1 %)	0	1 (< 1 %)	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPsC\ddot{H}PiP^{\circ}PSCf P-PsC\ddot{H}Cf$	$C\ddot{t}P^{\circ}CfC, Ps$	$P-P^{\circ}C, CfPjP^{\circ}PSP_{\mu}PSPSC\ddot{t} P-PsC\ddot{H}Cf$	15 (4 %)	0	0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfCfP_{\mu}C\ddot{H}C\ddot{t}C\ddot{t}$	$C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{Y}P_{\mu}C\ddot{H}C\ddot{t}P_{\mu}PiP^{\circ} PrP\ddot{e}CfC, CfPSPPeC\ddot{t}C-C\ddot{t}^{\circ}$ $P^{\circ}P\ddot{e}CfC, CfPSPPeC\ddot{t}C-C\ddot{t} P\gg C-PiPsPiPsC\ddot{e}P\gg CfPSP$	21 (5 %) 13 (3 %)	3 (< 1 %) 3 (< 1 %)	1 (< 1 %) 0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfCfP_{\mu}C\ddot{H}C\ddot{t}C\ddot{t}$	$C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}P\ddot{e}CfC, CfPSPPeC\ddot{t}C-C\ddot{t} P\gg C-PiPsPiPsC\ddot{e}P\gg CfPSP$ $P^{\circ}C\ddot{H}P^{\circ}PrP\ddot{e}PeP^{\circ}C\ddot{H}PrC-C\ddot{t}$	13 (3 %) 4 (1 %)	3 (< 1 %) 0	0 0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{t}PSC, P^{\circ}C\ddot{H}P\ddot{e}C, PjC-PsPeP^{\circ}C\ddot{H}PrP^{\circ}$	1 (< 1 %)	0	0	
	$PrCfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-PiP_{\mu}C\ddot{H}C, P_{\mu}PSP-C-C\ddot{t}$	152 (40%)	26 (7 %)	0	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfCfCfPrP\ddot{e}PS$	$C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}P\ddot{e}CfPiP_{\mu}PiP-C-C\ddot{t}^{\circ}$ $P^{\circ}PsP\gg PsPiPSP\ddot{e}P\ddot{N}_{\ddot{e}} P\pm C-P\gg C\ddot{H}$	13 (3 %)	4 (1 %)	5 (1 %)	
		$P_{\mu}C\ddot{H}P\ddot{e}P\gg P\ddot{e}PiP\ddot{e}$	12 (3 %)	0	0	
		$P_{\mu}PsC\ddot{t}P_{\mu}C\ddot{H}PiPsPSC-PSPSC\ddot{t} PsP\pm P\gg P\ddot{e}C\ddot{t}C\ddot{t}$	4 (1 %)	0	0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{Y}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi$	2 (< 1 %)	1 (< 1 %)	0	
	$PSp_{\mu}PIC-PrPsPjPs$	$P\ddot{H}PSp_{\mu}PiC\ddot{H}P\ddot{e}P-PjP\ddot{e} C, P^{\circ} C\ddot{H}PsP-C\ddot{e}P^{\circ}C\ddot{H}CfPiP^{\circ}PSPSC\ddot{t}$	$PSP^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$PSP^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$PSP^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	
		$P^{\circ}C\ddot{H}C, P_{\mu}C\ddot{H}C-P\ddot{N}_{\ddot{e}}$	7 (2 %)	2 (< 1 %)	1 (< 1 %)	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPrP\ddot{e}C...P^{\circ}P\gg C\ddot{H}PSPsC-CfP\ddot{e}CfC, P_{\mu}PjP\ddot{e}, PiC\ddot{H}CfPrPSPsC-PeP\gg C-C, PeP\ddot{e} C, P^{\circ}CfP_{\mu}C\ddot{H}P_{\mu}PrPsCfC, C-PSPSC\ddot{t}$	$C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{K}PsCfPSPiP^{\circ} PeC\ddot{H}PsPiPsC, P_{\mu}C\ddot{t}P^{\circ}$ $P^{\circ}P\ddot{e}CfC, PsPSC-C\ddot{t}$ $P-P^{\circ}PrP\ddot{e}C\ddot{e}PeP^{\circ}$ $P\ddot{H}P^{\circ}C\ddot{e}P_{\mu}P\gg C\ddot{H}$ $P_{\mu}PSP\ddot{e}PiPjPsC, PsC\ddot{H}P^{\circ}PeCf$ $P^{\circ}P\ddot{e}PeP^{\circ}PiPeP^{\circ}$ $P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\gg P_{\mu}PiP_{\mu}PSC\ddot{t}C...$	22 (6 %) 20 (5 %) 14 (4 %) 12 (3 %) 7 (2 %) 4 (1 %) 4 (1 %)	0 0 3 (< 1 %) 0 2 (< 1 %) 0 1 (< 1 %)	0 0 0 0 1 (< 1 %) 0 0	
	$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-P\gg C\ddot{H} P\ddot{t} C\ddot{H}PsC, PsPiP\gg PsC, CfC-P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\ddot{t} P\ddot{t} C\ddot{H}PsPSC...P^{\circ}C...$ $P\ddot{H}P\ddot{e}PSsC\ddot{H}P_{\mu}C\ddot{t}$ $P\ddot{H}C\ddot{H}PsPiPsC...P^{\circ}C\ddot{H}PeP^{\circ}PSPSC\ddot{t}$	3 (< 1 %) 2 (< 1 %) 1 (< 1 %) 1 (< 1 %)	0 0 0 0	0 0 0 0	
	$C\ddot{H}C-PrPePs$	$P\ddot{t}PSC, P_{\mu}C\ddot{H}CfC, P\ddot{e}C\ddot{t}C-P^{\circ}P\gg C\ddot{H}PSP^{\circ} C...PiPsC\ddot{H}PsP\pm P^{\circ}P\gg P_{\mu}PiP_{\mu}PSC\ddot{H}/PiPSp_{\mu}PiPjPsPSC-C, \ddot{e}\ddot{H}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	
	$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfC\ddot{e}P\gg CfPSPPePsPiPs-PeP\ddot{e}C\ddot{e}PePsPiPsPiPsC, C\ddot{H}P^{\circ}PeC, Cf$	$PrCfP^{\circ}P_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P^{\circ}C-P^{\circ}C\ddot{H}P_{\mu}C\ddot{t}$ $P\ddot{K}CfPrPsC, P^{\circ}$ $P^{\circ}P\gg C\ddot{H}PiP^{\circ}PSPSC\ddot{t}$ $P^{\circ}C-P\gg C\ddot{H} P\ddot{t} C\ddot{e}P\gg CfPSPPeCf^{\circ}$ $P\ddot{Y}C, PsPjP^{\circ}C, P\ddot{e}C,$	174 (46%) 167 (44%) 96 (25 %) 55 (14 %) 41 (11 %)	17 (4 %) 8 (2 %) 7 (2 %) 4 (1 %) 1 (< 1 %)	0 0 0 0 0
		$C\ddot{t}P^{\circ}CfC, Ps$	$P-P\ddot{t}CfC, C, C\ddot{t} P^{\circ}PiP\ddot{e}PiPsC, P^{\circ}$ $P\ddot{Y}CfC...C-CfC, C\ddot{H} P\ddot{t} C\ddot{H}PsC, C-$ $P^{\circ}P\ddot{e}CfPiP_{\mu}CfC-C\ddot{t}$ $P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\ddot{t} C\ddot{H}PsC, PsPIC-P\ddot{N}_{\ddot{e}}PiPsC\ddot{H}PsP^{\circ}PSP\ddot{e}PSC-$ $P\ddot{H}P_{\mu}C, P_{\mu}PsC\ddot{H}P\ddot{e}P-Pj$ $P\ddot{H}PSP^{\circ}P\gg C\ddot{H}PSP\ddot{e}P\ddot{N}_{\ddot{e}} PeC\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi$	16 (4 %) 14 (4 %) 12 (3 %) 5 (1 %) 5 (1 %) 4 (1 %)	2 (1 %) 0 0 0 0 0	0 0 0 0 0 0
		$PSp_{\mu}C\ddot{t}P^{\circ}CfC, Ps$	$P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\ddot{t} C\ddot{H}PsC, PsPIC-P\ddot{N}_{\ddot{e}}PiPsC\ddot{H}PsP^{\circ}PSP\ddot{e}PSC-$ $P\ddot{H}P_{\mu}C, P_{\mu}PsC\ddot{H}P\ddot{e}P-Pj$ $P\ddot{H}PSP^{\circ}P\gg C\ddot{H}PSP\ddot{e}P\ddot{N}_{\ddot{e}} PeC\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi$ $P-PsPiPSC-C\ddot{e}PSC\ddot{t} PeP\ddot{e}C\ddot{e}PePsPiP^{\circ} C, C-CfC, CfP\gg P^{\circ}$ $P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\ddot{t} C\ddot{e}P\gg CfPSPPeCf$ $P\ddot{H}P_{\mu}P\gg P_{\mu}PSP^{\circ}$ $P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi P\ddot{t} CfC, C\ddot{H}P^{\circ}PiPsC...PsPrC-$ $P_{\mu}P_{\mu}C\ddot{H}P\ddot{e}C, PsPSC-C,$ $P\ddot{H}C, C\ddot{H}PsPiP_{\mu}C\ddot{H}P\ddot{e}C, PsPSP_{\mu}P^{\circ}P\gg C\ddot{H}PSP\ddot{e}P\ddot{N}_{\ddot{e}}PeC\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi$	1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %) 1 (< 1 %)	1 (< 1 %) 0 0 0 0 0 0 1 (< 1 %)	0 0 0 0 0 0 0 0
		$P\ddot{H}C\ddot{H}PsPiPsPiP\ddot{e}P\gg P\ddot{e}Pi Cf P\ddot{H}P_{\mu}C\ddot{H}C...PSC-C...PIC-PrPrC-P\gg P^{\circ}C... C\ddot{e}P\gg CfPSPPePsPiPs-PeP\ddot{e}C\ddot{e}PePsPiPsPiPsC, C\ddot{H}P^{\circ}PeC, Cf$	1 (< 1 %)	1 (< 1 %)	0	
		$P_{\mu}P_{\mu}C\ddot{H}C, PsC\ddot{H}P^{\circ}C\ddot{t}C-C\ddot{t} PeP\gg CfP\ddot{e}PsPiPsC-PeP\ddot{e}C\ddot{e}PeP\ddot{e}$	1 (< 1 %)	0	1 (< 1 %)	
		$P^{\circ}C-PrC...P\ddot{e}P\gg P_{\mu}PSPSC\ddot{t} PiPsPeP^{\circ}P-PSP\ddot{e}PeC-PiC, CfPSPPeCfC-C- PiP_{\mu}C\ddot{t}C-PSPeP\ddot{e}$	2 (< 1 %)	0	1 (< 1 %)	
$P_{\mu}PsC\ddot{H}CfC\ddot{e}P_{\mu}PSPSC\ddot{t} P^{\circ} P\pm PsPeCfPiP_{\mu}PiP^{\circ}C, PsP\pm C-P\gg C-P^{\circ}C\ddot{H}PSPsC-CfP\ddot{e}CfC, P_{\mu}PjP\ddot{e}$		$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$P_{\mu}P_{\mu}C\ddot{t}C-PSPePsPiP^{\circ} PSp_{\mu}PrPsCfC, P^{\circ}C, PSC-CfC, C\ddot{H}P^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$	$C\ddot{t}P^{\circ}CfC, PsC, P^{\circ}PSp_{\mu}PIC-PrPsPjP^{\circ}$

РnPsCҗCfCӨPnPPSPSCII P· P±PsPeCf CӨPeC-CHPө C, P° PiC-PrCӨPeC-CHPSPөC... C, PeP°PSPөPS	P°CfP¶Pµ C±P°CfC, Ps	P—PjC-PSP° PePsP»CHPsCҗCf PIPsP»PsCfCfCII P°C-PIPsPiC-PijPµPSC, P°CfC-CII CӨPeC-CHPө P•PeCfC, PsP»C-P°C, PөPIPSPөP№ PIPөCfPөPi	93 (24 %)	0	0
	C±P°CfC, Ps	PҗP»PsPiPµCfC-CII PjCҗP°P¶PµPSPSCII CӨPeC-CHPө ^и PVCfC...C-CfC, C, H CӨPeC-CHPө P°C-PIPiCҗPiC-PrCҗPsP· PjCҗP°P¶PµPSPSCII PSC-PiC, C-PI PYPiPµCҗP±C-P¶ P·CҗPөC, PµPjP°	30 (8 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	26 (7 %)	4 (1 %)	0
	C±P°CfC, Ps	PҗPөPµP»PµC, PSPs-Pjвҗ [™] CIIP-PsPIPөP№ P±C-P»CHҗ PнC-P°P°PiC-CII Pнвҗ [™] CIIP-PsPIC- CfPiP°P·PjPө	18 (5 %)	0	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	13 (3 %)	0	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	11 (3 %)	0	0
	C±P°CfC, Ps	PҗPөPµP»PµC, PSPs-Pjвҗ [™] CIIP-PsPIPөP№ P±C-P»CHҗ PнC-P°P°PiC-CII Pнвҗ [™] CIIP-PsPIC- CfPiP°P·PjPө	4 (1 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	3 (< 1 %)	1 (< 1 %)	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	2 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
РnPsCҗCfCӨPnPPSPSCII P· P±PsPeCf PSPөCHPsPe C- CfPµC±PsPIPөPIC-PrPSPөC... CӨP»CIIС...C-PI	C±P°CfC, Ps	PҗPөPµP»PµC, PSPs-Pjвҗ [™] CIIP-PsPIPөP№ P±C-P»CHҗ PнC-P°P°PiC-CII Pнвҗ [™] CIIP-PsPIC- CfPiP°P·PjPө	35 (9 %)	2 (< 1 %)	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	28 (7 %)	2 (< 1 %)	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	8 (2 %)	0	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	2 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	3 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	3 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PҗCҗC, CHP°P»PiC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	PµCҗPsC, PµC—PSCfCҗC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCfPөPi PµP°PiCfP»CIICHPSPөP№ PIPөCfPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCfC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPSPөP№ CfPөPSPPrCҗPsPj	3 (< 1 %)	0	0
Р—Р°PиP°P»CHҗPSC- CHҗPsP·P»P°PrPө C, P° CHҗPµP°PeCfC-C— PI PjC-CfCfC- P·P°CfC, PsCfCfPIP°PSPSCII	PrCfP¶Pµ C±P°CfC, Ps	P°C, PsPjP»CHҗPIP°PSC-CfC, CHҗ	178 (47%)	34 (9 %)	1 (< 1 %)
	C±P°CfC, Ps	PкP°P±CHҗCIIPe [±] P°C-P»CHҗ PI PiCҗCfPrCIIС... PнP·PSPs±	18 (5 %)	1 (< 1 %)	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	12 (3 %)	4 (1 %)	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	10 (3 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CfC, Ps	P—P°PiP°P»PµPSPSCII CfP»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCfC, PµPSC-CII	1 (< 1 %)	0	0
Р·Р°P±PsCHҗP°C, PsCHҗPSC- C·P° C-PSCfC, CHҗCfPjPµPSC, P°P»CHҗPSC- PrP°PSC-^и	PrCfP¶Pµ C±P°CfC, Ps	P—PjPµPSCөPµPSPSCII PjP°CfPө C, C-P»P°	86 (23 %)	5 (1 %)	0
	C±P°CfC, Ps	PµP°C, PsP»PsPiC-C—, PIPөCIIPIP»PµPSC- PiCҗPө PsPiP»CIIPrC- P·PhP -PsCHҗPiP°PSC-PI ^и PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	29 (8 %)	4 (1 %)	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	8 (2 %)	4 (1 %)	2 (< 1 %)
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	6 (2 %)	0	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	5 (1 %)	2 (< 1 %)	2 (< 1 %)
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	4 (1 %)	0	3 (< 1 %)
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	0	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	0	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	0	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	0	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	1 (< 1 %)	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	1 (< 1 %)	0
	C±P°CfC, Ps	PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCfC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI P°CfPиP°CHҗ, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC»PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°. PiP»CHC, P°PjC-P»C, CHP°PSCfC, PµCHP°P·Pө	2 (< 1 %)	1 (< 1 %)	0

Pj PiP°CfC-C”PSC, C-PI CfC...C-PrPSPs-P°P·C-PNөCfCHҗPePsPiPs PiPsC...PsPrP¶PµPSPSCII
C±P°CfC, C-CөPµ CfPiPsCfC, PµCHҗC-PiP°P»Pө PSPµPNөC, CHҗPsPiPµPSC-CH,
C, CHҗPsPjP±PsCfPөC, PsPiPµPSC-CH C, P° CfPөPSPPrCHҗPsPj PrPsP»PsPSPSPs-
PiC-PrPsCөPsPIPSPsC— PµCHҗPөC, CHҗPsPrPөP·PµCfC, PµP·C-C—.

P—PIC-C, CfPIP°PSPSCII PiCҗPs PiC-PrPsP·CHҗCHPIP°PSC- PSPµP±P°P¶P°PSC-
CHҗPµP°PeCfC-C—

P—PIC-C, CfPIP°PSPSCII PiCҗPs PiC-PrPsP·CHҗCHPIP°PSC- PSPµP±P°P¶P°PSC-
CHҗPµP°PeCfC-C— PiC-CfP»CII CHҗPµC”CfC, CHҗP°CfC-C— P»C-PөP°CHҗCfCHҗPePsPiPs

P·P°CÍPSP±Cí PjP°C” PIP°P¶P»PëPIPµ P·PSP°C‡PµPSPSC¶. P|Pµ P·P°P±PµP·PīPµC‡CíC”
PīPSCÍC,C-PN₂PSPëPN₂ PjPsPSC-C,PSC¶PëPSPi CÍPīC-PIPIC-PrPSPsC€PµPSPSC¶
PePsC¶PëCÍC,CH/C¶PëP·PëPe P·P°CÍC,PSCÍCíPIP°PSPSC¶ P»C-PeP°C¶CÍCHPePsPiPs
P·P°CÍPSP±Cí. PŸPīPµC‡C-P°P»C-CÍC,C-PI CÍC,,PµC¶Pë PsC...PsC¶PsPSPë P·PrPsC¶PsPIB¶™ C¶
PīC¶PsCÍC¶C,CH P·PIC-C,CíPIP°C,Pë PīC¶Ps P±CíPrCH-C¶PeC- PīC-PrPsP·C¶C¶PIP°PSC-
PSPµP±P°P¶P°PSC- C¶PµP°PeC‡C-C— C‡PµC¶PµP· PSP°C‡C-PsPSP°P»CHPSCí CÍPëCÍC,PµPjCí
P·PIC-C,PSPsCÍC,C- (P°PIC,PSPjP°C,PëP·PsPIP°PSP° C-PSC,,PsC¶PjP°C‡C-PN₂PSP°
CÍPëCÍC,PµPjP° P· C,,P°C¶PjP°PePsPSP°PiP»C¶PrCí).

PŸPµC¶PjC-PS PīC¶PëPrP°C,PSPsCÍC,C-. 3 C¶PsPePë.

PjPjPsPIPë P·P±PµC¶C-PiP°PSPSC¶.

P—P±PµC¶C-PiP°C,Pë PīC¶PµPīP°C¶P°C, PīC¶Pë C,PµPjPīPµC¶P°C,CíC¶C- PSPëP¶C‡Pµ 30 B°C.
P—P±PµC¶C-PiP°C,Pë Cí PSPµPrPsCÍC,CíPīPSPsPjCí PrP»C¶ PrC-C,PµPN₂ PjC-CÍC‡C-.

PjPīP°PePsPIPëP°.

PµPs 30 C,P°P±P»PµC,PsPe Cí PSPµPīC¶PsP·PsC¶PsPjCí C,,P»P°PePsPSC- P·
PīPsP»C-PµC,PëP»PµPSCí PIPëCÍPSPePsC— C%oC-P»CHPSPsCÍC,C- P±C-P»PsPiPs
PePsP»CHPsC¶Cí P· PīPsP»C-PīC¶PsPīC-P»PµPSPsPIPsC¶ PeC¶PëC€PePsC¶, C%oPs PjP°C”
P·P°C...PëCÍC, PIC-Pr PrC-C,PµPN₂. PµPs 1 C,,P»P°PePsPSCí PI PeP°C¶C,PSPSPSC-PN₂
PePsC¶PsP±C‡C-.

PµP°C,PµPiPsC¶C-C¶ PIC-PrPīCíCÍPeCí. P—P° C¶PµC‡PµPīC,PsPj.

P’PëC¶PsP±PSPëPePë.

1. P’PëPīCíCÍPe CÍPµC¶C—:

P“P»P°PeCÍPs P’PµP»P»PePsPj PŸ.P¶., P‡CÍPīP°PSC-C¶/ Glaxo Wellcome S.A., Spain;

2. P’PëPīCíCÍPe CÍPµC¶C—:

PḱPsPIP°C¶C,C-CÍ PḱP°C¶PjP°CÍCHC¶C,PëPeP°P» PḱP°PSCíC,,P°PeC,CíC¶C-PSPi P»P»PŸ,
PŸP»PsPIPµPSC-C¶/ Novartis Pharmaceutical Manufacturing LLC, Slovenia.

**PḱC-CÍC‡PµP·PSP°C...PsPrP¶PµPSPSC¶ PIPëC¶PsP±PSPëPeC-PI C,P° P°PrC¶PµCÍPë
PjC-CÍC‡C¶ PīC¶PsPIP°PrP¶PµPSPSC¶ C—C... PrC-C¶P»CHPSPsCÍC,C-.**

1. PḱPIPrP°. P·PeCÍC,C¶PµPjP°PrCíC¶P°, 3, PµPsP». P‡PSPr. PḱP»P»PµPSPrPµPrCíPµC¶Ps,
PḱC¶P°PSPrP° PrPµ P”CíPµC¶Ps, P’CíC¶PiPsCÍ, 09400, P‡CÍPīP°PSC-C¶/ Avda. Extremadura, 3,

Pol. Ind. Allendeduero, Aranda de Duero, Burgos, 09400, Spain;

2. PICŕP». P'PµCĤPsPIC€PePsPIP° 57, P>CHP±P»CİPSP°, 1000, PŸP»PsPIPµPSC-Cİ/ Verovskova
Ulica 57, Ljubljana, 1000, Slovenia.