

Testing heppennames

Generated by andy

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1 Normal font

- `\heppennames` \Rightarrow heppennames
- `\heppennames` \Rightarrow heppennames
- `\PB` \Rightarrow B
- `\PBpm` \Rightarrow B $^\pm$
- `\PBmp` \Rightarrow B $^\mp$
- `\PBp` \Rightarrow B $^+$
- `\PBm` \Rightarrow B $^-$
- `\PBz` \Rightarrow B 0
- `\PdB` \Rightarrow B $_d^0$
- `\PuB` \Rightarrow B $^+$
- `\PcB` \Rightarrow B $_c^+$
- `\PsB` \Rightarrow B $_s^0$
- `\PaB` \Rightarrow \bar{B}
- `\PaBz` \Rightarrow \bar{B}^0
- `\PadB` \Rightarrow \bar{B}_d^0
- `\PauB` \Rightarrow B $^-$
- `\PacB` \Rightarrow B $_c^-$
- `\PasB` \Rightarrow \bar{B}_s^0
- kaon
- `\PK` \Rightarrow K
- charged kaon
- `\PKpm` \Rightarrow K $^\pm$
- charged kaon
- `\PKmp` \Rightarrow K $^\mp$
- negative kaon
- `\PKm` \Rightarrow K $^-$
- positive kaon
- `\PKp` \Rightarrow K $^+$
- neutral kaon
- `\PKz` \Rightarrow K 0
- K-long
- `\PKzL` \Rightarrow K $_L^0$

- K-short
 $\backslash\text{PKzS} \Rightarrow K_S^0$
- K star
 $\backslash\text{PKst} \Rightarrow K^*$
- anti-kaon
 $\backslash\text{PaK} \Rightarrow \bar{K}$
- neutral anti-kaon
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow K_{\mu3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow K_{\mu3}^0$
- $\backslash\text{PKia} \Rightarrow K_1(1400)$
- $\backslash\text{PKii} \Rightarrow K_2(1770)$
- $\backslash\text{PKi} \Rightarrow K_1(1270)$
- $\backslash\text{PKsti} \Rightarrow K^*(892)$
- $\backslash\text{PKsta} \Rightarrow K^*(1370)$
- $\backslash\text{PKstb} \Rightarrow K^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow K_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow K_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow K_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow K_0^*(1430)$
- $\backslash\text{PN} \Rightarrow N$
- $\backslash\text{PNa} \Rightarrow N(1440) P_{11}$
- $\backslash\text{PNb} \Rightarrow N(1520) D_{13}$
- $\backslash\text{PNc} \Rightarrow N(1535) S_{11}$
- $\backslash\text{PNd} \Rightarrow N(1650) S_{11}$
- $\backslash\text{PNe} \Rightarrow N(1675) D_{15}$
- $\backslash\text{PNf} \Rightarrow N(1680) F_{15}$
- $\backslash\text{PNg} \Rightarrow N(1700) D_{13}$
- $\backslash\text{PNh} \Rightarrow N(1710) P_{11}$
- $\backslash\text{PNI} \Rightarrow N(1720) P_{13}$
- $\backslash\text{PNj} \Rightarrow N(2190) G_{17}$
- $\backslash\text{PNk} \Rightarrow N(2220) H_{19}$
- $\backslash\text{PNl} \Rightarrow N(2250) G_{19}$
- $\backslash\text{PNm} \Rightarrow N(2600) I_{1,11}$
- gluon
 $\backslash\text{Pg} \Rightarrow g$
- photon
 $\backslash\text{Pgg} \Rightarrow \gamma$
- W boson
 $\backslash\text{PW} \Rightarrow W$
- charged W boson
 $\backslash\text{PWpm} \Rightarrow W^\pm$
- charged W boson
 $\backslash\text{PWmp} \Rightarrow W^\mp$
- W-plus
 $\backslash\text{PWp} \Rightarrow W^+$
- W-minus
 $\backslash\text{PWm} \Rightarrow W^-$

- $\backslash\text{PWR} \Rightarrow W_R$
- W-prime boson
 $\backslash\text{PWpr} \Rightarrow W'$
- Z boson
 $\backslash\text{PZ} \Rightarrow Z$
- neutral Z boson
 $\backslash\text{PZz} \Rightarrow Z^0$
- Z-prime boson
 $\backslash\text{PZpr} \Rightarrow Z'$
- left-right Z boson
 $\backslash\text{PZLR} \Rightarrow Z_{LR}$
- $\backslash\text{PZgc} \Rightarrow Z_\chi$
- $\backslash\text{PZge} \Rightarrow Z_\eta$
- $\backslash\text{PZgy} \Rightarrow Z_\psi$
- $\backslash\text{PZi} \Rightarrow Z_1$
- axion
 $\backslash\text{PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow H^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow A^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow H^-$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$
- charged lepton
 $\backslash\text{Plmp} \Rightarrow \ell^\mp$
- positive lepton
 $\backslash\text{Plp} \Rightarrow \ell^+$
- negative lepton
 $\backslash\text{Plm} \Rightarrow \ell^-$
- anti-lepton
 $\backslash\text{Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash\text{Pgn} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash\text{Pgnl} \Rightarrow \nu_\ell$

- generic anti-neutrino
 $\backslash\text{Pagn} \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\backslash\text{Pagnl} \Rightarrow \bar{\nu}_\ell$
- electronic
 $\backslash\text{Pe} \Rightarrow e$
- e plus/minus
 $\backslash\text{Pepm} \Rightarrow e^\pm$
- e minus/plus
 $\backslash\text{Pemp} \Rightarrow e^\mp$
- electron
 $\backslash\text{Pem} \Rightarrow e^-$
- positron
 $\backslash\text{Pep} \Rightarrow e^+$
- muonic
 $\backslash\text{Pgm} \Rightarrow \mu$
- mu plus/minus
 $\backslash\text{Pgmpm} \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash\text{Pgmp} \Rightarrow \mu^\mp$
- muon
 $\backslash\text{Pgmm} \Rightarrow \mu^-$
- anti-muon
 $\backslash\text{Pgmp} \Rightarrow \mu^+$
- tauonic
 $\backslash\text{Pgt} \Rightarrow \tau$
- tau plus/minus
 $\backslash\text{Pgtpm} \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash\text{Pgtmp} \Rightarrow \tau^\mp$
- tau lepton
 $\backslash\text{Pgtm} \Rightarrow \tau^-$
- anti-tau
 $\backslash\text{Pgtp} \Rightarrow \tau^+$
- electron neutrino
 $\backslash\text{Pgne} \Rightarrow \nu_e$
- muon neutrino
 $\backslash\text{Pgngm} \Rightarrow \nu_\mu$
- tau neutrino
 $\backslash\text{Pgngt} \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash\text{Pagne} \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash\text{Pangm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash\text{Pangt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash\text{Pq} \Rightarrow q$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- down quark
 $\backslash\text{Pqd} \Rightarrow d$
- up quark
 $\backslash\text{Pqu} \Rightarrow u$
- strange quark
 $\backslash\text{Pqs} \Rightarrow s$

- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- $\backslash\text{Pqb} \Rightarrow b$
- $\backslash\text{Pqc} \Rightarrow c$
- $\backslash\text{Pqd} \Rightarrow d$
- $\backslash\text{Pqs} \Rightarrow s$
- $\backslash\text{Pqt} \Rightarrow t$
- $\backslash\text{Pqu} \Rightarrow u$
- $\backslash\text{Pq} \Rightarrow q$
- anti-bottom quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- proton
 $\backslash\text{Pp} \Rightarrow p$
- neutron
 $\backslash\text{Pn} \Rightarrow n$
- anti-proton
 $\backslash\text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$

- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f_2'(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{Pgd} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgdD} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgdF} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgdH} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgdI} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgdJ} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgdK} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \overline{\Lambda}$
- $\backslash\text{PcGLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbGL} \Rightarrow \Lambda_b$
- $\backslash\text{PGLa} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PGLb} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PGLc} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PGLd} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PGLe} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PGLf} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PGLg} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PGLh} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PGLi} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PGLj} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PGLk} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PGLl} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PGLm} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$

- new
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{PgzSz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{Pgsc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{PgSD} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgSh} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{PgU} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$
- $\backslash\text{PgxM} \Rightarrow \Xi^-$
- $\backslash\text{PgxZ} \Rightarrow \Xi^0$
- $\backslash\text{PgxA} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgxB} \Rightarrow \Xi(1690)$
- $\backslash\text{PgxC} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgxD} \Rightarrow \Xi(1950)$
- $\backslash\text{PgxE} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \bar{\Xi}^+$
- $\backslash\text{PagXm} \Rightarrow \bar{\Xi}^-$
- $\backslash\text{PagXz} \Rightarrow \bar{\Xi}^0$
- $\backslash\text{PcgXp} \Rightarrow \Xi_c^+$
- $\backslash\text{PcgXz} \Rightarrow \Xi_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgf i} \Rightarrow \phi(1020)$

- `\Pgfa` $\Rightarrow \phi(1680)$
- `\Pgfiii` $\Rightarrow \phi_3(1850)$
- `\Pgh` $\Rightarrow \eta$
- `\Pghpr` $\Rightarrow \eta'$
- `\Pcgh` $\Rightarrow \eta_c$
- `\Pggha` $\Rightarrow \eta(1295)$
- `\Pgghb` $\Rightarrow \eta(1440)$
- `\Pghpri` $\Rightarrow \eta'(958)$
- `\Pcghi` $\Rightarrow \eta_c(1S)$
- `\Pgo` $\Rightarrow \omega$
- `\Pgoi` $\Rightarrow \omega(783)$
- `\Pgoa` $\Rightarrow \omega(1390)$
- `\Pgob` $\Rightarrow \omega(1600)$
- `\Pgoiii` $\Rightarrow \omega(3)^{1670}$
- pion
`\Pgp` $\Rightarrow \pi$
- charged pion
`\Pgppm` $\Rightarrow \pi^\pm$
- charged pion
`\Pgppp` $\Rightarrow \pi^\mp$
- negative pion
`\Pgpm` $\Rightarrow \pi^-$
- positive pion
`\Pgpp` $\Rightarrow \pi^+$
- neutral pion
`\Pgpz` $\Rightarrow \pi^0$
- `\Pgpa` $\Rightarrow \pi(1300)$
- `\Pgpii` $\Rightarrow \pi_2(1670)$
- resonance removed
`\Pgr` $\Rightarrow \rho$
- `\Pgrp` $\Rightarrow \rho^+$
- `\Pgrm` $\Rightarrow \rho^-$
- `\Pgrpm` $\Rightarrow \rho^\pm$
- `\Pgrmp` $\Rightarrow \rho^\mp$
- `\Pgrz` $\Rightarrow \rho^0$
- new
`\Pgri` $\Rightarrow \rho(770)$
- `\Pgra` $\Rightarrow \rho(1450)$
- `\Pgrb` $\Rightarrow \rho(1700)$
- `\Pgriiii` $\Rightarrow \rho_3(1690)$
- `\PJgy` $\Rightarrow J/\psi$
- `\PJgyi` $\Rightarrow J/\psi(1S)$
- `\Pgy` $\Rightarrow \psi$
- `\Pgyii` $\Rightarrow \psi(2S)$
- `\Pgya` $\Rightarrow \psi(3770)$
- `\Pgyb` $\Rightarrow \psi(4040)$
- `\Pgyc` $\Rightarrow \psi(4160)$
- `\Pgyd` $\Rightarrow \psi(4415)$
- `\PD` $\Rightarrow D$

- $\backslash\text{PDpm} \Rightarrow D^\pm$
- $\backslash\text{PDmp} \Rightarrow D^\mp$
- $\backslash\text{PDz} \Rightarrow D^0$
- $\backslash\text{PDm} \Rightarrow D^-$
- $\backslash\text{PDp} \Rightarrow D^+$
- $\backslash\text{PDst} \Rightarrow D^*$
- $\backslash\text{PaD} \Rightarrow \bar{D}$
- $\backslash\text{PaDz} \Rightarrow \bar{D}^0$
- new 2005-07-08
 $\backslash\text{PsD} \Rightarrow D_s$
- $\backslash\text{PsDm} \Rightarrow D_s^-$
- $\backslash\text{PsDp} \Rightarrow D_s^+$
- $\backslash\text{PsDpm} \Rightarrow D_s^\pm$
- $\backslash\text{PsDmp} \Rightarrow D_s^\mp$
- $\backslash\text{PsDst} \Rightarrow D_s^*$
- $\backslash\text{PsDipm} \Rightarrow D_{s1}(2536)^\pm$
- $\backslash\text{PsDimp} \Rightarrow D_{s1}(2536)^\mp$
- $\backslash\text{PDiz} \Rightarrow D_1(2420)^0$
- $\backslash\text{PDstiiz} \Rightarrow D_2^*(2460)^0$
- $\backslash\text{PDstpm} \Rightarrow D^*(2010)^\pm$
- $\backslash\text{PDstmp} \Rightarrow D^*(2010)^\mp$
- $\backslash\text{PDstz} \Rightarrow D^*(2010)^0$
- $\backslash\text{PEz} \Rightarrow E^0$
- $\backslash\text{PLpm} \Rightarrow L^\pm$
- $\backslash\text{PLmp} \Rightarrow L^\mp$
- $\backslash\text{PLz} \Rightarrow L^0$
- $\backslash\text{Paii} \Rightarrow a_2(1320)$
- $\backslash\text{Pai} \Rightarrow a_1(1260)$
- $\backslash\text{Paz} \Rightarrow a_0(980)$
- $\backslash\text{Pbgcia} \Rightarrow \chi_{b1}(2P)$
- $\backslash\text{Pbgciia} \Rightarrow \chi_{b2}(2P)$
- $\backslash\text{Pbgcii} \Rightarrow \chi_{b2}(1P)$
- $\backslash\text{Pbgci} \Rightarrow \chi_{b1}(1P)$
- $\backslash\text{Pbgcza} \Rightarrow \chi_{b0}(2P)$
- $\backslash\text{Pbgcz} \Rightarrow \chi_{b0}(1P)$
- $\backslash\text{Pbi} \Rightarrow b_1(1235)$
- $\backslash\text{Phia} \Rightarrow h_1(1170)$
- Higgsino
 $\backslash\text{PSH} \Rightarrow \tilde{H}$
- positive Higgsino
 $\backslash\text{PSHp} \Rightarrow \tilde{H}^+$
- negative Higgsino
 $\backslash\text{PSHm} \Rightarrow \tilde{H}^-$
- charged Higgsino
 $\backslash\text{PSHpm} \Rightarrow \tilde{H}^\pm$
- charged Higgsino
 $\backslash\text{PSHmp} \Rightarrow \tilde{H}^\mp$
- neutral Higgsino
 $\backslash\text{PSHz} \Rightarrow \tilde{H}^0$

- wino
`\PSW` $\Rightarrow \widetilde{W}$
- positive wino
`\PSWp` $\Rightarrow \widetilde{W}^+$
- negative wino
`\PSWm` $\Rightarrow \widetilde{W}^-$
- wino pm
`\PSWpm` $\Rightarrow \widetilde{W}^\pm$
- wino mp
`\PSWmp` $\Rightarrow \widetilde{W}^\mp$
- zino
`\PSZ` $\Rightarrow \widetilde{Z}$
- zino
`\PSZz` $\Rightarrow \widetilde{Z}^0$
- bino
`\PSB` $\Rightarrow \widetilde{B}$
- selectron
`\PSe` $\Rightarrow \widetilde{e}$
- photino
`\PSgg` $\Rightarrow \widetilde{\gamma}$
- smuon
`\PSgm` $\Rightarrow \widetilde{\mu}$
- sneutrino
`\PSgn` $\Rightarrow \widetilde{\nu}$
- stau
`\PSgt` $\Rightarrow \widetilde{\tau}$
- chargino/neutralino
`\PSgx` $\Rightarrow \widetilde{\chi}$
- chargino pm
`\PSgxp` $\Rightarrow \widetilde{\chi}^\pm$
- chargino mp
`\PSgxmp` $\Rightarrow \widetilde{\chi}^\mp$
- neutralino
`\PSgxz` $\Rightarrow \widetilde{\chi}^0$
- lightest neutralino
`\PSgxzi` $\Rightarrow \widetilde{\chi}_1^0$
- next-to-lightest neutralino
`\PSgxzii` $\Rightarrow \widetilde{\chi}_2^0$
- gluino
`\PSg` $\Rightarrow \widetilde{g}$
- slepton (generic)
`\PSl` $\Rightarrow \widetilde{\ell}$
- anti-slepton (generic)
`\PaSl` $\Rightarrow \widetilde{\ell}^c$
- squark (generic)
`\PSq` $\Rightarrow \widetilde{q}$
- anti-squark (generic)
`\PaSq` $\Rightarrow \widetilde{q}^c$
- down squark
`\PSqd` $\Rightarrow \widetilde{d}$
- up squark
`\PSqu` $\Rightarrow \widetilde{u}$
- strange squark
`\PSqs` $\Rightarrow \widetilde{s}$
- charm squark
`\PSqc` $\Rightarrow \widetilde{c}$

- bottom squark (sbottom)
 $\backslash\text{PSqb} \Rightarrow \tilde{b}$
- top squark (stop)
 $\backslash\text{PSqt} \Rightarrow \tilde{t}$
- anti-down squark
 $\backslash\text{PaSqd} \Rightarrow \tilde{\bar{d}}$
- anti-up squark
 $\backslash\text{PaSqu} \Rightarrow \tilde{\bar{u}}$
- anti-strange squark
 $\backslash\text{PaSqs} \Rightarrow \tilde{\bar{s}}$
- anti-charm squark
 $\backslash\text{PaSqc} \Rightarrow \tilde{\bar{c}}$
- anti-bottom squark
 $\backslash\text{PaSqb} \Rightarrow \tilde{\bar{b}}$
- anti-top squark (stop)
 $\backslash\text{PaSqt} \Rightarrow \tilde{\bar{t}}$

2 Bold font

- `\hepnames` \Rightarrow hepnames
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- `\PBz` \Rightarrow B 0
- `\PdB` \Rightarrow B $_d^0$
- `\PuB` \Rightarrow B $^+$
- `\PcB` \Rightarrow B $_c^+$
- `\PsB` \Rightarrow B $_s^0$
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- `\PaBz` \Rightarrow \bar{B}^0
- `\PadB` \Rightarrow \bar{B}_d^0
- `\PauB` \Rightarrow B $^-$
- `\PacB` \Rightarrow B $_c^-$
- `\PasB` \Rightarrow \bar{B}_s^0
- kaon
`\PK` \Rightarrow K
- charged kaon
`\PKpm` \Rightarrow K $^\pm$
- charged kaon
`\PKmp` \Rightarrow K $^\mp$
- negative kaon
`\PKm` \Rightarrow K $^-$
- positive kaon
`\PKp` \Rightarrow K $^+$
- neutral kaon
`\PKz` \Rightarrow K 0
- K-long
`\PKzL` \Rightarrow K $_L^0$
- K-short
`\PKzS` \Rightarrow K $_S^0$
- K star
`\PKst` \Rightarrow K *
- anti-kaon
`\PaK` \Rightarrow \bar{K}
- neutral anti-kaon
`\PaKz` \Rightarrow \bar{K}^0
- `\PKeiii` \Rightarrow K $_{e3}$
- `\PKgmiii` \Rightarrow K $_{\mu3}$
- `\PKzeiii` \Rightarrow K $_{e3}^0$
- `\PKzgmiii` \Rightarrow K $_{\mu3}^0$

- `\PKia` \Rightarrow $K_1(1400)$
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- `\PKstb` \Rightarrow $K^*(1680)$
- `\PKstiii` \Rightarrow $K_3^*(1780)$
- `\PKstii` \Rightarrow $K_2^*(1430)$
- `\PKstiv` \Rightarrow $K_4^*(2045)$
- `\PKstz` \Rightarrow $K_0^*(1430)$
- `\PN` \Rightarrow N
- `\PNa` \Rightarrow $N(1440) P_{11}$
- `\PNb` \Rightarrow $N(1520) D_{13}$
- `\PNc` \Rightarrow $N(1535) S_{11}$
- `\PNd` \Rightarrow $N(1650) S_{11}$
- `\PNe` \Rightarrow $N(1675) D_{15}$
- `\PNf` \Rightarrow $N(1680) F_{15}$
- `\PNg` \Rightarrow $N(1700) D_{13}$
- `\PNh` \Rightarrow $N(1710) P_{11}$
- `\PNI` \Rightarrow $N(1720) P_{13}$
- `\PNj` \Rightarrow $N(2190) G_{17}$
- `\PNk` \Rightarrow $N(2220) H_{19}$
- `\PNl` \Rightarrow $N(2250) G_{19}$
- `\PNm` \Rightarrow $N(2600) I_{1,11}$
- gluon
`\Pg` \Rightarrow g
- photon
`\Pgg` \Rightarrow γ
- W boson
`\PW` \Rightarrow W
- charged W boson
`\PWpm` \Rightarrow W^\pm
- charged W boson
`\PWmp` \Rightarrow W^\mp
- W-plus
`\PWp` \Rightarrow W^+
- W-minus
`\PWm` \Rightarrow W^-
- `\PWR` \Rightarrow W_R
- W-prime boson
`\PWpr` \Rightarrow W'
- Z boson
`\PZ` \Rightarrow Z
- neutral Z boson
`\PZz` \Rightarrow Z^0
- Z-prime boson
`\PZpr` \Rightarrow Z'
- left-right Z boson
`\PZLR` \Rightarrow Z_{LR}
- `\PZgc` \Rightarrow Z_χ
- `\PZge` \Rightarrow Z_η

- $\backslash\text{PZgy} \Rightarrow Z_\psi$
- $\backslash\text{PZi} \Rightarrow Z_1$
- axion
 $\backslash\text{PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow H^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow A^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow H^-$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$
- charged lepton
 $\backslash\text{Plmp} \Rightarrow \ell^\mp$
- positive lepton
 $\backslash\text{Plp} \Rightarrow \ell^+$
- negative lepton
 $\backslash\text{Plm} \Rightarrow \ell^-$
- anti-lepton
 $\backslash\text{Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash\text{Pgn} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash\text{Pgnl} \Rightarrow \nu_\ell$
- generic anti-neutrino
 $\backslash\text{Pagn} \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\backslash\text{Pagnl} \Rightarrow \bar{\nu}_\ell$
- electronic
 $\backslash\text{Pe} \Rightarrow e$
- e plus/minus
 $\backslash\text{Pepm} \Rightarrow e^\pm$
- e minus/plus
 $\backslash\text{Pemp} \Rightarrow e^\mp$
- electron
 $\backslash\text{Pem} \Rightarrow e^-$
- positron
 $\backslash\text{Pep} \Rightarrow e^+$

- muonic
 $\backslash\text{Pgm} \Rightarrow \mu$
- mu plus/minus
 $\backslash\text{Pgmpm} \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash\text{Pgmp} \Rightarrow \mu^\mp$
- muon
 $\backslash\text{Pgmm} \Rightarrow \mu^-$
- anti-muon
 $\backslash\text{Pgmp} \Rightarrow \mu^+$
- tauonic
 $\backslash\text{Pgt} \Rightarrow \tau$
- tau plus/minus
 $\backslash\text{Pgtpm} \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash\text{Pgtp} \Rightarrow \tau^\mp$
- tau lepton
 $\backslash\text{Pgtm} \Rightarrow \tau^-$
- anti-tau
 $\backslash\text{Pgtp} \Rightarrow \tau^+$
- electron neutrino
 $\backslash\text{Pgne} \Rightarrow \nu_e$
- muon neutrino
 $\backslash\text{Pgngm} \Rightarrow \nu_\mu$
- tau neutrino
 $\backslash\text{Pgngt} \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash\text{Pagne} \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash\text{Pangm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash\text{Pangt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash\text{Pq} \Rightarrow q$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- down quark
 $\backslash\text{Pqd} \Rightarrow d$
- up quark
 $\backslash\text{Pqu} \Rightarrow u$
- strange quark
 $\backslash\text{Pqs} \Rightarrow s$
- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$

- bottom anti-quark

$$\backslash\text{Paqb} \Rightarrow \bar{b}$$

- top anti-quark

$$\backslash\text{Paqt} \Rightarrow \bar{t}$$

- $\backslash\text{Pqb} \Rightarrow b$

- $\backslash\text{Pqc} \Rightarrow c$

- $\backslash\text{Pqd} \Rightarrow d$

- $\backslash\text{Pqs} \Rightarrow s$

- $\backslash\text{Pqt} \Rightarrow t$

- $\backslash\text{Pqu} \Rightarrow u$

- $\backslash\text{Pq} \Rightarrow q$

- anti-bottom quark

$$\backslash\text{Paqb} \Rightarrow \bar{b}$$

- anti-charm quark

$$\backslash\text{Paqc} \Rightarrow \bar{c}$$

- anti-down quark

$$\backslash\text{Paqd} \Rightarrow \bar{d}$$

- anti-strange quark

$$\backslash\text{Paqs} \Rightarrow \bar{s}$$

- anti-top quark

$$\backslash\text{Paqt} \Rightarrow \bar{t}$$

- anti-up quark

$$\backslash\text{Paqu} \Rightarrow \bar{u}$$

- anti-quark

$$\backslash\text{Paq} \Rightarrow \bar{q}$$

- proton

$$\backslash\text{Pp} \Rightarrow p$$

- neutron

$$\backslash\text{Pn} \Rightarrow n$$

- anti-proton

$$\backslash\text{Pap} \Rightarrow \bar{p}$$

- anti-neutron

$$\backslash\text{Pan} \Rightarrow \bar{n}$$

- $\backslash\text{Pcgc} \Rightarrow \chi_c$

- $\backslash\text{Pcgci} \Rightarrow \chi_{c2}(1P)$

- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$

- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$

- $\backslash\text{Pfia} \Rightarrow f_1(1390)$

- $\backslash\text{Pfib} \Rightarrow f_1(1510)$

- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$

- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$

- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$

- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$

- $\backslash\text{Pfiipr} \Rightarrow f_2'(1525)$

- $\backslash\text{Pfii} \Rightarrow f_2(1270)$

- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$

- $\backslash\text{Pfi} \Rightarrow f_1(1285)$

- $\backslash\text{Pfza} \Rightarrow f_0(1400)$

- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$

- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{Pgd} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgdF} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{Pgdh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgdI} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{Pgdj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgdK} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL}a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL}b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL}c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL}d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL}e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL}f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL}g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgLh} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL}i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL}j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgLk} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgL}l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgLm} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$
- new
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{Pgs} \Rightarrow \Sigma$
- $\backslash\text{Pgs}pm \Rightarrow \Sigma^\pm$
- $\backslash\text{Pgs}mp \Rightarrow \Sigma^\mp$
- $\backslash\text{Pgs}m \Rightarrow \Sigma^-$
- $\backslash\text{Pgs}p \Rightarrow \Sigma^+$
- $\backslash\text{Pgsz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$

- $\backslash\text{PagSz} \Rightarrow \overline{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \overline{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{Pgsc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{PgSd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgsH} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{Pgu} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$
- $\backslash\text{PgxM} \Rightarrow \Xi^-$
- $\backslash\text{PgxZ} \Rightarrow \overline{\Xi}^0$
- $\backslash\text{PgxA} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgxB} \Rightarrow \Xi(1690)$
- $\backslash\text{PgxC} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgxD} \Rightarrow \Xi(1950)$
- $\backslash\text{PgxE} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \overline{\Xi}^+$
- $\backslash\text{PagXm} \Rightarrow \overline{\Xi}^-$
- $\backslash\text{PagXz} \Rightarrow \overline{\Xi}^0$
- $\backslash\text{PcgXp} \Rightarrow \Xi_c^+$
- $\backslash\text{PcgXz} \Rightarrow \Xi_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfiii} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$

- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion
 - $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion
 - $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion
 - $\backslash\text{Pgpmp} \Rightarrow \pi^\mp$
- negative pion
 - $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion
 - $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion
 - $\backslash\text{Pgpz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgprii} \Rightarrow \pi_2(1670)$
- resonance removed
 - $\backslash\text{Pgr} \Rightarrow \rho$
- $\backslash\text{Pgrp} \Rightarrow \rho^+$
- $\backslash\text{Pgrm} \Rightarrow \rho^-$
- $\backslash\text{Pgrpm} \Rightarrow \rho^\pm$
- $\backslash\text{Pgrmp} \Rightarrow \rho^\mp$
- $\backslash\text{Pgrz} \Rightarrow \rho^0$
- new
 - $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow \text{J}/\psi$
- $\backslash\text{PJgyi} \Rightarrow \text{J}/\psi(1\text{S})$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2\text{S})$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$
- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$
- $\backslash\text{PD} \Rightarrow \text{D}$
- $\backslash\text{PDpm} \Rightarrow \text{D}^\pm$
- $\backslash\text{PDmp} \Rightarrow \text{D}^\mp$
- $\backslash\text{PDz} \Rightarrow \text{D}^0$
- $\backslash\text{PDm} \Rightarrow \text{D}^-$
- $\backslash\text{PDp} \Rightarrow \text{D}^+$
- $\backslash\text{PDst} \Rightarrow \text{D}^*$
- $\backslash\text{PaD} \Rightarrow \bar{\text{D}}$
- $\backslash\text{PaDz} \Rightarrow \bar{\text{D}}^0$
- new 2005-07-08
 - $\backslash\text{PsD} \Rightarrow \text{D}_s$
- $\backslash\text{PsDm} \Rightarrow \text{D}_s^-$

- `\PsDp` $\Rightarrow D_s^+$
- `\PsDpm` $\Rightarrow D_s^\pm$
- `\PsDmp` $\Rightarrow D_s^\mp$
- `\PsDst` $\Rightarrow D_s^*$
- `\PsDipm` $\Rightarrow D_{s1}(2536)^\pm$
- `\PsDimp` $\Rightarrow D_{s1}(2536)^\mp$
- `\PDiz` $\Rightarrow D_1(2420)^0$
- `\PDstiiz` $\Rightarrow D_2^*(2460)^0$
- `\PDstpm` $\Rightarrow D^*(2010)^\pm$
- `\PDstmp` $\Rightarrow D^*(2010)^\mp$
- `\PDstz` $\Rightarrow D^*(2010)^0$
- `\PEz` $\Rightarrow E^0$
- `\PLpm` $\Rightarrow L^\pm$
- `\PLmp` $\Rightarrow L^\mp$
- `\PLz` $\Rightarrow L^0$
- `\Paii` $\Rightarrow a_2(1320)$
- `\Pai` $\Rightarrow a_1(1260)$
- `\Paz` $\Rightarrow a_0(980)$
- `\Pbgcia` $\Rightarrow \chi_{b1}(2P)$
- `\Pbgciia` $\Rightarrow \chi_{b2}(2P)$
- `\Pbgcii` $\Rightarrow \chi_{b2}(1P)$
- `\Pbgci` $\Rightarrow \chi_{b1}(1P)$
- `\Pbgcza` $\Rightarrow \chi_{b0}(2P)$
- `\Pbgcz` $\Rightarrow \chi_{b0}(1P)$
- `\Pbi` $\Rightarrow b_1(1235)$
- `\Phia` $\Rightarrow h_1(1170)$
- Higgsino
`\PSH` $\Rightarrow \tilde{H}$
- positive Higgsino
`\PSHp` $\Rightarrow \tilde{H}^+$
- negative Higgsino
`\PSHm` $\Rightarrow \tilde{H}^-$
- charged Higgsino
`\PSHpm` $\Rightarrow \tilde{H}^\pm$
- charged Higgsino
`\PSHmp` $\Rightarrow \tilde{H}^\mp$
- neutral Higgsino
`\PSHz` $\Rightarrow \tilde{H}^0$
- wino
`\PSW` $\Rightarrow \tilde{W}$
- positive wino
`\PSWp` $\Rightarrow \tilde{W}^+$
- negative wino
`\PSWm` $\Rightarrow \tilde{W}^-$
- wino pm
`\PSWpm` $\Rightarrow \tilde{W}^\pm$
- wino mp
`\PSWmp` $\Rightarrow \tilde{W}^\mp$
- zino
`\PSZ` $\Rightarrow \tilde{Z}$

- zino
`\PSZz` $\Rightarrow \tilde{Z}^0$
- bino
`\PSB` $\Rightarrow \tilde{B}$
- selectron
`\PSe` $\Rightarrow \tilde{e}$
- photino
`\PSgg` $\Rightarrow \tilde{\gamma}$
- smuon
`\PSgm` $\Rightarrow \tilde{\mu}$
- sneutrino
`\PSgn` $\Rightarrow \tilde{\nu}$
- stau
`\PSgt` $\Rightarrow \tilde{\tau}$
- chargino/neutralino
`\PSgx` $\Rightarrow \tilde{\chi}$
- chargino pm
`\PSgxpm` $\Rightarrow \tilde{\chi}^{\pm}$
- chargino mp
`\PSgxmp` $\Rightarrow \tilde{\chi}^{\mp}$
- neutralino
`\PSgxz` $\Rightarrow \tilde{\chi}^0$
- lightest neutralino
`\PSgxzi` $\Rightarrow \tilde{\chi}_1^0$
- next-to-lightest neutralino
`\PSgxzii` $\Rightarrow \tilde{\chi}_2^0$
- gluino
`\PSg` $\Rightarrow \tilde{g}$
- slepton (generic)
`\PSl` $\Rightarrow \tilde{\ell}$
- anti-slepton (generic)
`\PaSl` $\Rightarrow \bar{\tilde{\ell}}$
- squark (generic)
`\PSq` $\Rightarrow \tilde{q}$
- anti-squark (generic)
`\PaSq` $\Rightarrow \bar{\tilde{q}}$
- down squark
`\PSqd` $\Rightarrow \tilde{d}$
- up squark
`\PSqu` $\Rightarrow \tilde{u}$
- strange squark
`\PSqs` $\Rightarrow \tilde{s}$
- charm squark
`\PSqc` $\Rightarrow \tilde{c}$
- bottom squark (sbottom)
`\PSqb` $\Rightarrow \tilde{b}$
- top squark (stop)
`\PSqt` $\Rightarrow \tilde{t}$
- anti-down squark
`\PaSqd` $\Rightarrow \bar{\tilde{d}}$
- anti-up squark
`\PaSqu` $\Rightarrow \bar{\tilde{u}}$
- anti-strange squark
`\PaSqs` $\Rightarrow \bar{\tilde{s}}$
- anti-charm squark
`\PaSqc` $\Rightarrow \bar{\tilde{c}}$

- anti-bottom squark
 $\backslash\text{PaSq}b \Rightarrow \bar{b}$

- anti-top squark (stop)
 $\backslash\text{PaSq}t \Rightarrow \bar{t}$

3 Italic font

- $\backslash\text{hepnames} \Rightarrow \text{hepnames}$
- $\backslash\text{heppennames} \Rightarrow \text{heppennames}$
- $\backslash\text{PB} \Rightarrow B$
- $\backslash\text{PBpm} \Rightarrow B^\pm$
- $\backslash\text{PBmp} \Rightarrow B^\mp$
- $\backslash\text{PBp} \Rightarrow B^+$
- $\backslash\text{PBm} \Rightarrow B^-$
- $\backslash\text{PBz} \Rightarrow B^0$
- $\backslash\text{Pd}B \Rightarrow B_d^0$
- $\backslash\text{Pu}B \Rightarrow B^+$
- $\backslash\text{Pc}B \Rightarrow B_c^+$
- $\backslash\text{Ps}B \Rightarrow B_s^0$
- $\backslash\text{Pa}B \Rightarrow \bar{B}$
- $\backslash\text{Pa}Bz \Rightarrow \bar{B}^0$
- $\backslash\text{Pa}dB \Rightarrow \bar{B}_d^0$
- $\backslash\text{Pau}B \Rightarrow B^-$
- $\backslash\text{Pac}B \Rightarrow B_c^-$
- $\backslash\text{Pas}B \Rightarrow \bar{B}_s^0$
- *kaon*
 $\backslash\text{PK} \Rightarrow K$
- *charged kaon*
 $\backslash\text{PKpm} \Rightarrow K^\pm$
- *charged kaon*
 $\backslash\text{PKmp} \Rightarrow K^\mp$
- *negative kaon*
 $\backslash\text{PKm} \Rightarrow K^-$
- *positive kaon*
 $\backslash\text{PKp} \Rightarrow K^+$
- *neutral kaon*
 $\backslash\text{PKz} \Rightarrow K^0$
- *K-long*
 $\backslash\text{PKzL} \Rightarrow K_L^0$
- *K-short*
 $\backslash\text{PKzS} \Rightarrow K_S^0$
- *K star*
 $\backslash\text{PKst} \Rightarrow K^*$
- *anti-kaon*
 $\backslash\text{PaK} \Rightarrow \bar{K}$
- *neutral anti-kaon*
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgmi} \Rightarrow K_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmii} \Rightarrow K_{\mu 3}^0$

- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$
- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\backslash Pg \Rightarrow g$
- *photon*
 $\backslash Pgg \Rightarrow \gamma$
- *W boson*
 $\backslash PW \Rightarrow W$
- *charged W boson*
 $\backslash PWpm \Rightarrow W^\pm$
- *charged W boson*
 $\backslash PWmp \Rightarrow W^\mp$
- *W-plus*
 $\backslash PWp \Rightarrow W^+$
- *W-minus*
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- *W-prime boson*
 $\backslash PWpr \Rightarrow W'$
- *Z boson*
 $\backslash PZ \Rightarrow Z$
- *neutral Z boson*
 $\backslash PZz \Rightarrow Z^0$
- *Z-prime boson*
 $\backslash PZpr \Rightarrow Z'$
- *left-right Z boson*
 $\backslash PZLR \Rightarrow Z_{LR}$
- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$

- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- *axion*
 $\backslash PAz \Rightarrow A^0$
- *standard/heavy Higgs*
 $\backslash PH \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\backslash PHz \Rightarrow H^0$
- *light Higgs*
 $\backslash Ph \Rightarrow h$
- *explicitly neutral light Higgs*
 $\backslash Phz \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\backslash PA \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\backslash PAz \Rightarrow A^0$
- *charged Higgs*
 $\backslash PHpm \Rightarrow H^\pm$
- *charged Higgs*
 $\backslash PHmp \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\backslash PHp \Rightarrow H^+$
- *negative-charged Higgs*
 $\backslash PHm \Rightarrow H^-$
- *lepton*
 $\backslash Pl \Rightarrow \ell$
- *charged lepton*
 $\backslash Plpm \Rightarrow \ell^\pm$
- *charged lepton*
 $\backslash Plmp \Rightarrow \ell^\mp$
- *positive lepton*
 $\backslash Plp \Rightarrow \ell^+$
- *negative lepton*
 $\backslash Plm \Rightarrow \ell^-$
- *anti-lepton*
 $\backslash Pal \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\backslash Pgn \Rightarrow \nu$
- *neutrino (for lepton ell)*
 $\backslash Pgnl \Rightarrow \nu_\ell$
- *generic anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}$
- *anti-neutrino (for lepton ell)*
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- *electronic*
 $\backslash Pe \Rightarrow e$
- *e plus/minus*
 $\backslash Pepm \Rightarrow e^\pm$
- *e minus/plus*
 $\backslash Pemp \Rightarrow e^\mp$
- *electron*
 $\backslash Pem \Rightarrow e^-$
- *positron*
 $\backslash Pep \Rightarrow e^+$

- *muonic*
 $\backslash Pgm \Rightarrow \mu$
- *mu plus/minus*
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- *mu minus/plus*
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- *muon*
 $\backslash Pgm \Rightarrow \mu^-$
- *anti-muon*
 $\backslash Pgm \Rightarrow \mu^+$
- *tauonic*
 $\backslash Pgt \Rightarrow \tau$
- *tau plus/minus*
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- *tau minus/plus*
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- *tau lepton*
 $\backslash Pgt \Rightarrow \tau^-$
- *anti-tau*
 $\backslash Pgt \Rightarrow \tau^+$
- *electron neutrino*
 $\backslash Pgne \Rightarrow \nu_e$
- *muon neutrino*
 $\backslash Pngm \Rightarrow \nu_\mu$
- *tau neutrino*
 $\backslash Pngt \Rightarrow \nu_\tau$
- *electron anti-neutrino*
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- *muon anti-neutrino*
 $\backslash Pagnm \Rightarrow \bar{\nu}_\mu$
- *tau anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}_\tau$
- *quark*
 $\backslash Pq \Rightarrow q$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *down quark*
 $\backslash Pqd \Rightarrow d$
- *up quark*
 $\backslash Pqu \Rightarrow u$
- *strange quark*
 $\backslash Pqs \Rightarrow s$
- *charm quark*
 $\backslash Pqc \Rightarrow c$
- *bottom quark*
 $\backslash Pqb \Rightarrow b$
- *top quark*
 $\backslash Pqt \Rightarrow t$
- *down anti-quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *up anti-quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *strange anti-quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *charm anti-quark*
 $\backslash Paqc \Rightarrow \bar{c}$

- *bottom anti-quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *top anti-quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- *anti-bottom quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *anti-charm quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *anti-down quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *anti-strange quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *anti-top quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- *anti-up quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *proton*
 $\backslash Pp \Rightarrow p$
- *neutron*
 $\backslash Pn \Rightarrow n$
- *anti-proton*
 $\backslash Pap \Rightarrow \bar{p}$
- *anti-neutron*
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgci \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgcz \Rightarrow \chi_{c0}(1P)$
- $\backslash Pfia \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f_2'(1525)$
- $\backslash Pfi \Rightarrow f_2(1270)$
- $\backslash Pfiu \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$

- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$
- *new*
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash Pgs \Rightarrow \Sigma$
- $\backslash Pgs pm \Rightarrow \Sigma^\pm$
- $\backslash Pgs mp \Rightarrow \Sigma^\mp$
- $\backslash Pgs m \Rightarrow \Sigma^-$
- $\backslash Pgs p \Rightarrow \Sigma^+$
- $\backslash Pgs z \Rightarrow \Sigma^0$
- $\backslash Pcgs \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$

- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash PacgS \Rightarrow \bar{\Sigma}_c$
- $\backslash Pgsa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash Pgsb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgsC \Rightarrow \Sigma(1670) D_{13}$
- $\backslash Pgsd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgsE \Rightarrow \Sigma(1775) D_{15}$
- $\backslash Pgsf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgsG \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgsH \Rightarrow \Sigma(2030) F_{17}$
- $\backslash Pgsi \Rightarrow \Sigma(2050)$
- $\backslash Pcgsi \Rightarrow \Sigma_c(2455)$
- $\backslash Pgu \Rightarrow \Upsilon$
- $\backslash Pgui \Rightarrow \Upsilon(1S)$
- $\backslash PguA \Rightarrow \Upsilon(2S)$
- $\backslash PguB \Rightarrow \Upsilon(3S)$
- $\backslash PguC \Rightarrow \Upsilon(4S)$
- $\backslash PguD \Rightarrow \Upsilon(10860)$
- $\backslash PguE \Rightarrow \Upsilon(11020)$
- $\backslash Pgx \Rightarrow \Xi$
- $\backslash PgxP \Rightarrow \Xi^+$
- $\backslash PgxM \Rightarrow \Xi^-$
- $\backslash PgxZ \Rightarrow \bar{\Xi}^0$
- $\backslash PgxA \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgxB \Rightarrow \Xi(1690)$
- $\backslash PgxC \Rightarrow \Xi(1820) D_{13}$
- $\backslash PgxD \Rightarrow \Xi(1950)$
- $\backslash PgxE \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \bar{\Xi}^+$
- $\backslash PagXm \Rightarrow \bar{\Xi}^-$
- $\backslash PagXz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgxP \Rightarrow \Xi_c^+$
- $\backslash PcgxZ \Rightarrow \Xi_c^0$
- $\backslash Pgf \Rightarrow \phi$
- $\backslash Pgfi \Rightarrow \phi(1020)$
- $\backslash PgfA \Rightarrow \phi(1680)$
- $\backslash Pgfiii \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash PghA \Rightarrow \eta(1295)$
- $\backslash PghB \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash PgoA \Rightarrow \omega(1390)$

- $\backslash P g o b \Rightarrow \omega(1600)$
- $\backslash P g o i i i \Rightarrow \omega(3)^{1670}$
- *pion*
 $\backslash P g p \Rightarrow \pi$
- *charged pion*
 $\backslash P g p p m \Rightarrow \pi^\pm$
- *charged pion*
 $\backslash P g p m p \Rightarrow \pi^\mp$
- *negative pion*
 $\backslash P g p m \Rightarrow \pi^-$
- *positive pion*
 $\backslash P g p p \Rightarrow \pi^+$
- *neutral pion*
 $\backslash P g p z \Rightarrow \pi^0$
- $\backslash P g p a \Rightarrow \pi(1300)$
- $\backslash P g p i i \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\backslash P g r \Rightarrow \rho$
- $\backslash P g r p \Rightarrow \rho^+$
- $\backslash P g r m \Rightarrow \rho^-$
- $\backslash P g r p m \Rightarrow \rho^\pm$
- $\backslash P g r m p \Rightarrow \rho^\mp$
- $\backslash P g r z \Rightarrow \rho^0$
- *new*
 $\backslash P g r i \Rightarrow \rho(770)$
- $\backslash P g r a \Rightarrow \rho(1450)$
- $\backslash P g r b \Rightarrow \rho(1700)$
- $\backslash P g r i i i \Rightarrow \rho_3(1690)$
- $\backslash P J g y \Rightarrow J/\psi$
- $\backslash P J g y i \Rightarrow J/\psi(1S)$
- $\backslash P g y \Rightarrow \psi$
- $\backslash P g y i i \Rightarrow \psi(2S)$
- $\backslash P g y a \Rightarrow \psi(3770)$
- $\backslash P g y b \Rightarrow \psi(4040)$
- $\backslash P g y c \Rightarrow \psi(4160)$
- $\backslash P g y d \Rightarrow \psi(4415)$
- $\backslash P D \Rightarrow D$
- $\backslash P D p m \Rightarrow D^\pm$
- $\backslash P D m p \Rightarrow D^\mp$
- $\backslash P D z \Rightarrow D^0$
- $\backslash P D m \Rightarrow D^-$
- $\backslash P D p \Rightarrow D^+$
- $\backslash P D s t \Rightarrow D^*$
- $\backslash P a D \Rightarrow \bar{D}$
- $\backslash P a D z \Rightarrow \bar{D}^0$
- *new 2005-07-08*
 $\backslash P s D \Rightarrow D_s$
- $\backslash P s D m \Rightarrow D_s^-$

- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDi pm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- *Higgsino*
 $\backslash PSH \Rightarrow \tilde{H}$
- *positive Higgsino*
 $\backslash PSHp \Rightarrow \tilde{H}^+$
- *negative Higgsino*
 $\backslash PSHm \Rightarrow \tilde{H}^-$
- *charged Higgsino*
 $\backslash PSHpm \Rightarrow \tilde{H}^\pm$
- *charged Higgsino*
 $\backslash PSHmp \Rightarrow \tilde{H}^\mp$
- *neutral Higgsino*
 $\backslash PSHz \Rightarrow \tilde{H}^0$
- *wino*
 $\backslash PSW \Rightarrow \tilde{W}$
- *positive wino*
 $\backslash PSWp \Rightarrow \tilde{W}^+$
- *negative wino*
 $\backslash PSWm \Rightarrow \tilde{W}^-$
- *wino pm*
 $\backslash PSWpm \Rightarrow \tilde{W}^\pm$
- *wino mp*
 $\backslash PSWmp \Rightarrow \tilde{W}^\mp$
- *zino*
 $\backslash PSZ \Rightarrow \tilde{Z}$

- *zino*
 $\backslash PSZz \Rightarrow \tilde{Z}^0$
- *bino*
 $\backslash PSB \Rightarrow \tilde{B}$
- *selectron*
 $\backslash PSe \Rightarrow \tilde{e}$
- *photino*
 $\backslash PSgg \Rightarrow \tilde{\gamma}$
- *smuon*
 $\backslash PSgm \Rightarrow \tilde{\mu}$
- *sneutrino*
 $\backslash PSgn \Rightarrow \tilde{\nu}$
- *stau*
 $\backslash PSgt \Rightarrow \tilde{\tau}$
- *chargino/neutralino*
 $\backslash PSg\mathbf{x} \Rightarrow \tilde{\chi}$
- *chargino pm*
 $\backslash PSg\mathbf{x}pm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*
 $\backslash PSg\mathbf{x}mp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*
 $\backslash PSg\mathbf{x}z \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*
 $\backslash PSg\mathbf{x}zi \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\backslash PSg\mathbf{x}zii \Rightarrow \tilde{\chi}_2^0$
- *gluino*
 $\backslash PSg \Rightarrow \tilde{g}$
- *slepton (generic)*
 $\backslash PSl \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*
 $\backslash PaSl \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*
 $\backslash PSq \Rightarrow \tilde{q}$
- *anti-squark (generic)*
 $\backslash PaSq \Rightarrow \tilde{\bar{q}}$
- *down squark*
 $\backslash PSqd \Rightarrow \tilde{d}$
- *up squark*
 $\backslash PSqu \Rightarrow \tilde{u}$
- *strange squark*
 $\backslash PSqs \Rightarrow \tilde{s}$
- *charm squark*
 $\backslash PSqc \Rightarrow \tilde{c}$
- *bottom squark (sbottom)*
 $\backslash PSqb \Rightarrow \tilde{b}$
- *top squark (stop)*
 $\backslash PSqt \Rightarrow \tilde{t}$
- *anti-down squark*
 $\backslash PaSqd \Rightarrow \tilde{\bar{d}}$
- *anti-up squark*
 $\backslash PaSqu \Rightarrow \tilde{\bar{u}}$
- *anti-strange squark*
 $\backslash PaSqs \Rightarrow \tilde{\bar{s}}$
- *anti-charm squark*
 $\backslash PaSqc \Rightarrow \tilde{\bar{c}}$

- *anti-bottom squark*
 $\backslash PaSq b \Rightarrow \tilde{b}$

- *anti-top squark (stop)*
 $\backslash PaSq t \Rightarrow \tilde{t}$

4 Bold italic font

- $\backslash\text{hepnames} \Rightarrow \text{hepnames}$
- $\backslash\text{heppennames} \Rightarrow \text{heppennames}$
- $\backslash\text{PB} \Rightarrow B$
- $\backslash\text{PBpm} \Rightarrow B^\pm$
- $\backslash\text{PBmp} \Rightarrow B^\mp$
- $\backslash\text{PBp} \Rightarrow B^+$
- $\backslash\text{PBm} \Rightarrow B^-$
- $\backslash\text{PBz} \Rightarrow B^0$
- $\backslash\text{Pd}B \Rightarrow B_d^0$
- $\backslash\text{Pu}B \Rightarrow B^+$
- $\backslash\text{Pc}B \Rightarrow B_c^+$
- $\backslash\text{Ps}B \Rightarrow B_s^0$
- $\backslash\text{Pa}B \Rightarrow \bar{B}$
- $\backslash\text{Pa}Bz \Rightarrow \bar{B}^0$
- $\backslash\text{Pa}dB \Rightarrow \bar{B}_d^0$
- $\backslash\text{Pau}B \Rightarrow B^-$
- $\backslash\text{Pac}B \Rightarrow B_c^-$
- $\backslash\text{Pas}B \Rightarrow \bar{B}_s^0$
- *kaon*
 $\backslash\text{PK} \Rightarrow K$
- *charged kaon*
 $\backslash\text{PKpm} \Rightarrow K^\pm$
- *charged kaon*
 $\backslash\text{PKmp} \Rightarrow K^\mp$
- *negative kaon*
 $\backslash\text{PKm} \Rightarrow K^-$
- *positive kaon*
 $\backslash\text{PKp} \Rightarrow K^+$
- *neutral kaon*
 $\backslash\text{PKz} \Rightarrow K^0$
- *K-long*
 $\backslash\text{PKzL} \Rightarrow K_L^0$
- *K-short*
 $\backslash\text{PKzS} \Rightarrow K_S^0$
- *K star*
 $\backslash\text{PKst} \Rightarrow K^*$
- *anti-kaon*
 $\backslash\text{PaK} \Rightarrow \bar{K}$
- *neutral anti-kaon*
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgiii} \Rightarrow K_{\mu3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow K_{\mu3}^0$

- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$
- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\backslash Pg \Rightarrow g$
- *photon*
 $\backslash Pgg \Rightarrow \gamma$
- *W boson*
 $\backslash PW \Rightarrow W$
- *charged W boson*
 $\backslash PWpm \Rightarrow W^\pm$
- *charged W boson*
 $\backslash PWmp \Rightarrow W^\mp$
- *W-plus*
 $\backslash PWp \Rightarrow W^+$
- *W-minus*
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- *W-prime boson*
 $\backslash PWpr \Rightarrow W'$
- *Z boson*
 $\backslash PZ \Rightarrow Z$
- *neutral Z boson*
 $\backslash PZz \Rightarrow Z^0$
- *Z-prime boson*
 $\backslash PZpr \Rightarrow Z'$
- *left-right Z boson*
 $\backslash PZLR \Rightarrow Z_{LR}$
- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$

- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- *axion*
 $\backslash PAz \Rightarrow A^0$
- *standard/heavy Higgs*
 $\backslash PH \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\backslash PHz \Rightarrow H^0$
- *light Higgs*
 $\backslash Ph \Rightarrow h$
- *explicitly neutral light Higgs*
 $\backslash Phz \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\backslash PA \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\backslash PAz \Rightarrow A^0$
- *charged Higgs*
 $\backslash PHpm \Rightarrow H^\pm$
- *charged Higgs*
 $\backslash PHmp \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\backslash PHp \Rightarrow H^+$
- *negative-charged Higgs*
 $\backslash PHm \Rightarrow H^-$
- *lepton*
 $\backslash Pl \Rightarrow \ell$
- *charged lepton*
 $\backslash Plpm \Rightarrow \ell^\pm$
- *charged lepton*
 $\backslash Plmp \Rightarrow \ell^\mp$
- *positive lepton*
 $\backslash Plp \Rightarrow \ell^+$
- *negative lepton*
 $\backslash Plm \Rightarrow \ell^-$
- *anti-lepton*
 $\backslash Pal \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\backslash Pgn \Rightarrow \nu$
- *neutrino (for lepton ell)*
 $\backslash Pgnl \Rightarrow \nu_\ell$
- *generic anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}$
- *anti-neutrino (for lepton ell)*
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- *electronic*
 $\backslash Pe \Rightarrow e$
- *e plus/minus*
 $\backslash Pepm \Rightarrow e^\pm$
- *e minus/plus*
 $\backslash Pemp \Rightarrow e^\mp$
- *electron*
 $\backslash Pem \Rightarrow e^-$
- *positron*
 $\backslash Pep \Rightarrow e^+$

- *muonic*
 $\backslash Pgm \Rightarrow \mu$
- *mu plus/minus*
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- *mu minus/plus*
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- *muon*
 $\backslash Pgm \Rightarrow \mu^-$
- *anti-muon*
 $\backslash Pgm \Rightarrow \mu^+$
- *tauonic*
 $\backslash Pgt \Rightarrow \tau$
- *tau plus/minus*
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- *tau minus/plus*
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- *tau lepton*
 $\backslash Pgt \Rightarrow \tau^-$
- *anti-tau*
 $\backslash Pgt \Rightarrow \tau^+$
- *electron neutrino*
 $\backslash Pgne \Rightarrow \nu_e$
- *muon neutrino*
 $\backslash Pngm \Rightarrow \nu_\mu$
- *tau neutrino*
 $\backslash Pngt \Rightarrow \nu_\tau$
- *electron anti-neutrino*
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- *muon anti-neutrino*
 $\backslash Pagnm \Rightarrow \bar{\nu}_\mu$
- *tau anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}_\tau$
- *quark*
 $\backslash Pq \Rightarrow q$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *down quark*
 $\backslash Pqd \Rightarrow d$
- *up quark*
 $\backslash Pqu \Rightarrow u$
- *strange quark*
 $\backslash Pqs \Rightarrow s$
- *charm quark*
 $\backslash Pqc \Rightarrow c$
- *bottom quark*
 $\backslash Pqb \Rightarrow b$
- *top quark*
 $\backslash Pqt \Rightarrow t$
- *down anti-quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *up anti-quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *strange anti-quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *charm anti-quark*
 $\backslash Paqc \Rightarrow \bar{c}$

- *bottom anti-quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *top anti-quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- *anti-bottom quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *anti-charm quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *anti-down quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *anti-strange quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *anti-top quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- *anti-up quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *proton*
 $\backslash Pp \Rightarrow p$
- *neutron*
 $\backslash Pn \Rightarrow n$
- *anti-proton*
 $\backslash Pap \Rightarrow \bar{p}$
- *anti-neutron*
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgci \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgcz \Rightarrow \chi_{c0}(1P)$
- $\backslash Pfia \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f_2'(1525)$
- $\backslash Pfi \Rightarrow f_2(1270)$
- $\backslash Pfiu \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$

- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$
- *new*
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash Pgs \Rightarrow \Sigma$
- $\backslash Pgs pm \Rightarrow \Sigma^\pm$
- $\backslash Pgs mp \Rightarrow \Sigma^\mp$
- $\backslash Pgs m \Rightarrow \Sigma^-$
- $\backslash Pgs p \Rightarrow \Sigma^+$
- $\backslash Pgs z \Rightarrow \Sigma^0$
- $\backslash Pcgs \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$

- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash PacgS \Rightarrow \bar{\Sigma}_c$
- $\backslash Pgsa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash Pgsb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgsC \Rightarrow \Sigma(1670) D_{13}$
- $\backslash Pgsd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgsE \Rightarrow \Sigma(1775) D_{15}$
- $\backslash Pgsf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgsG \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgsH \Rightarrow \Sigma(2030) F_{17}$
- $\backslash Pgsi \Rightarrow \Sigma(2050)$
- $\backslash Pcgsi \Rightarrow \Sigma_c(2455)$
- $\backslash Pgu \Rightarrow \Upsilon$
- $\backslash Pgui \Rightarrow \Upsilon(1S)$
- $\backslash PguA \Rightarrow \Upsilon(2S)$
- $\backslash PguB \Rightarrow \Upsilon(3S)$
- $\backslash PguC \Rightarrow \Upsilon(4S)$
- $\backslash PguD \Rightarrow \Upsilon(10860)$
- $\backslash PguE \Rightarrow \Upsilon(11020)$
- $\backslash Pgx \Rightarrow \Xi$
- $\backslash PgxP \Rightarrow \Xi^+$
- $\backslash PgxM \Rightarrow \Xi^-$
- $\backslash PgxZ \Rightarrow \Xi^0$
- $\backslash PgxA \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgxB \Rightarrow \Xi(1690)$
- $\backslash PgxC \Rightarrow \Xi(1820) D_{13}$
- $\backslash PgxD \Rightarrow \Xi(1950)$
- $\backslash PgxE \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \bar{\Xi}^+$
- $\backslash PagXm \Rightarrow \bar{\Xi}^-$
- $\backslash PagXz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgxP \Rightarrow \Xi_c^+$
- $\backslash PcgxZ \Rightarrow \Xi_c^0$
- $\backslash Pgf \Rightarrow \phi$
- $\backslash Pgfi \Rightarrow \phi(1020)$
- $\backslash Pgfa \Rightarrow \phi(1680)$
- $\backslash Pgfiii \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$

- $\backslash P gob \Rightarrow \omega(1600)$
- $\backslash P goiii \Rightarrow \omega(3)^{1670}$
- *pion*
 $\backslash P g p \Rightarrow \pi$
- *charged pion*
 $\backslash P g p p m \Rightarrow \pi^{\pm}$
- *charged pion*
 $\backslash P g p m p \Rightarrow \pi^{\mp}$
- *negative pion*
 $\backslash P g p m \Rightarrow \pi^{-}$
- *positive pion*
 $\backslash P g p p \Rightarrow \pi^{+}$
- *neutral pion*
 $\backslash P g p z \Rightarrow \pi^{0}$
- $\backslash P g p a \Rightarrow \pi(1300)$
- $\backslash P g p i i \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\backslash P g r \Rightarrow \rho$
- $\backslash P g r p \Rightarrow \rho^{+}$
- $\backslash P g r m \Rightarrow \rho^{-}$
- $\backslash P g r p m \Rightarrow \rho^{\pm}$
- $\backslash P g r m p \Rightarrow \rho^{\mp}$
- $\backslash P g r z \Rightarrow \rho^{0}$
- *new*
 $\backslash P g r i \Rightarrow \rho(770)$
- $\backslash P g r a \Rightarrow \rho(1450)$
- $\backslash P g r b \Rightarrow \rho(1700)$
- $\backslash P g r i i i \Rightarrow \rho_3(1690)$
- $\backslash P J g y \Rightarrow J/\psi$
- $\backslash P J g y i \Rightarrow J/\psi(1S)$
- $\backslash P g y \Rightarrow \psi$
- $\backslash P g y i i \Rightarrow \psi(2S)$
- $\backslash P g y a \Rightarrow \psi(3770)$
- $\backslash P g y b \Rightarrow \psi(4040)$
- $\backslash P g y c \Rightarrow \psi(4160)$
- $\backslash P g y d \Rightarrow \psi(4415)$
- $\backslash P D \Rightarrow D$
- $\backslash P D p m \Rightarrow D^{\pm}$
- $\backslash P D m p \Rightarrow D^{\mp}$
- $\backslash P D z \Rightarrow D^{0}$
- $\backslash P D m \Rightarrow D^{-}$
- $\backslash P D p \Rightarrow D^{+}$
- $\backslash P D s t \Rightarrow D^{*}$
- $\backslash P a D \Rightarrow \bar{D}$
- $\backslash P a D z \Rightarrow \bar{D}^{0}$
- *new 2005-07-08*
 $\backslash P s D \Rightarrow D_s$
- $\backslash P s D m \Rightarrow D_s^{-}$

- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDi pm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDim p \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Paii \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgc ia \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$
- *Higgsino*
 $\backslash PSH \Rightarrow \widetilde{H}$
- *positive Higgsino*
 $\backslash PSHp \Rightarrow \widetilde{H}^+$
- *negative Higgsino*
 $\backslash PSHm \Rightarrow \widetilde{H}^-$
- *charged Higgsino*
 $\backslash PSHp m \Rightarrow \widetilde{H}^\pm$
- *charged Higgsino*
 $\backslash PSHmp \Rightarrow \widetilde{H}^\mp$
- *neutral Higgsino*
 $\backslash PSHz \Rightarrow \widetilde{H}^0$
- *wino*
 $\backslash PSW \Rightarrow \widetilde{W}$
- *positive wino*
 $\backslash PSWp \Rightarrow \widetilde{W}^+$
- *negative wino*
 $\backslash PSWm \Rightarrow \widetilde{W}^-$
- *wino pm*
 $\backslash PSWpm \Rightarrow \widetilde{W}^\pm$
- *wino mp*
 $\backslash PSWmp \Rightarrow \widetilde{W}^\mp$
- *zino*
 $\backslash PSZ \Rightarrow \widetilde{Z}$

- *zino*
 $\backslash PSZz \Rightarrow \tilde{Z}^0$
- *bino*
 $\backslash PSB \Rightarrow \tilde{B}$
- *selectron*
 $\backslash PSe \Rightarrow \tilde{e}$
- *photino*
 $\backslash PSgg \Rightarrow \tilde{\gamma}$
- *smuon*
 $\backslash PSgm \Rightarrow \tilde{\mu}$
- *sneutrino*
 $\backslash PSgn \Rightarrow \tilde{\nu}$
- *stau*
 $\backslash PSgt \Rightarrow \tilde{\tau}$
- *chargino/neutralino*
 $\backslash PSgx \Rightarrow \tilde{\chi}$
- *chargino pm*
 $\backslash PSgxpm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*
 $\backslash PSgxmp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*
 $\backslash PSgxz \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*
 $\backslash PSgxzi \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\backslash PSgxzii \Rightarrow \tilde{\chi}_2^0$
- *gluino*
 $\backslash PSg \Rightarrow \tilde{g}$
- *slepton (generic)*
 $\backslash PSl \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*
 $\backslash PaSl \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*
 $\backslash PSq \Rightarrow \tilde{q}$
- *anti-squark (generic)*
 $\backslash PaSq \Rightarrow \tilde{\bar{q}}$
- *down squark*
 $\backslash PSqd \Rightarrow \tilde{d}$
- *up squark*
 $\backslash PSqu \Rightarrow \tilde{u}$
- *strange squark*
 $\backslash PSqs \Rightarrow \tilde{s}$
- *charm squark*
 $\backslash PSqc \Rightarrow \tilde{c}$
- *bottom squark (sbottom)*
 $\backslash PSqb \Rightarrow \tilde{b}$
- *top squark (stop)*
 $\backslash PSqt \Rightarrow \tilde{t}$
- *anti-down squark*
 $\backslash PaSqd \Rightarrow \tilde{\bar{d}}$
- *anti-up squark*
 $\backslash PaSqu \Rightarrow \tilde{\bar{u}}$
- *anti-strange squark*
 $\backslash PaSqs \Rightarrow \tilde{\bar{s}}$
- *anti-charm squark*
 $\backslash PaSqc \Rightarrow \tilde{\bar{c}}$

- *anti-bottom squark*
 $\backslash PaSq b \Rightarrow \bar{\tilde{b}}$

- *anti-top squark (stop)*
 $\backslash PaSq t \Rightarrow \bar{\tilde{t}}$