

Testing `heppennames`

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October 6, 2013

1 Normal font

- `\hepnames` \Rightarrow `hepnames`
- `\heppennames` \Rightarrow `heppennames`
- `\PB` \Rightarrow B
- `\PBpm` \Rightarrow B^\pm
- `\PBmp` \Rightarrow B^\mp
- `\PBp` \Rightarrow B^+
- `\PBm` \Rightarrow B^-
- `\PBz` \Rightarrow B^0
- `\PBst` \Rightarrow B^*
- `\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
 $\text{\textbackslash PKzS} \Rightarrow K_S^0$
- K star
 $\text{\textbackslash PKst} \Rightarrow K^*$
- anti-kaon
 $\text{\textbackslash PaK} \Rightarrow \bar{K}$
- neutral anti-kaon
 $\text{\textbackslash PaKz} \Rightarrow \bar{K}^0$
- $\text{\textbackslash PKeiii} \Rightarrow K_{e3}$
- $\text{\textbackslash PKgmiii} \Rightarrow K_{\mu 3}$
- $\text{\textbackslash PKzeiii} \Rightarrow K_{e3}^0$
- $\text{\textbackslash PKzgmiii} \Rightarrow K_{\mu 3}^0$
- $\text{\textbackslash PKia} \Rightarrow K_1(1400)$
- $\text{\textbackslash PKii} \Rightarrow K_2(1770)$
- $\text{\textbackslash PKi} \Rightarrow K_1(1270)$
- $\text{\textbackslash PKsti} \Rightarrow K^*(892)$
- $\text{\textbackslash PKsta} \Rightarrow K^*(1370)$
- $\text{\textbackslash PKstb} \Rightarrow K^*(1680)$
- $\text{\textbackslash PKstiii} \Rightarrow K_3^*(1780)$
- $\text{\textbackslash PKstii} \Rightarrow K_2^*(1430)$
- $\text{\textbackslash PKstiv} \Rightarrow K_4^*(2045)$
- $\text{\textbackslash PKstz} \Rightarrow K_0^*(1430)$
- $\text{\textbackslash PN} \Rightarrow N$
- $\text{\textbackslash PNa} \Rightarrow N(1440) P_{11}$
- $\text{\textcolor{red}{\textbackslash PNb}} \Rightarrow N(1520) D_{13}$
- $\text{\textcolor{red}{\textbackslash PNc}} \Rightarrow N(1535) S_{11}$
- $\text{\textcolor{red}{\textbackslash PNd}} \Rightarrow N(1650) S_{11}$
- $\text{\textcolor{red}{\textbackslash PNe}} \Rightarrow N(1675) D_{15}$
- $\text{\textcolor{red}{\textbackslash PNf}} \Rightarrow N(1680) F_{15}$
- $\text{\textcolor{red}{\textbackslash PNg}} \Rightarrow N(1700) D_{13}$
- $\text{\textcolor{red}{\textbackslash PNh}} \Rightarrow N(1710) P_{11}$
- $\text{\textcolor{red}{\textbackslash PNi}} \Rightarrow N(1720) P_{13}$
- $\text{\textcolor{red}{\textbackslash PNj}} \Rightarrow N(2190) G_{17}$
- $\text{\textcolor{red}{\textbackslash PNk}} \Rightarrow N(2220) H_{19}$
- $\text{\textcolor{red}{\textbackslash PNl}} \Rightarrow N(2250) G_{19}$
- $\text{\textcolor{red}{\textbackslash PNm}} \Rightarrow N(2600) I_{1,11}$
- gluon
 $\text{\textcolor{red}{\textbackslash Pg}} \Rightarrow g$
- photon
 $\text{\textcolor{red}{\textbackslash Pgg}} \Rightarrow \gamma$
- photon*
 $\text{\textcolor{red}{\textbackslash Pggx}} \Rightarrow \gamma^*$
- W boson
 $\text{\textcolor{red}{\textbackslash PW}} \Rightarrow W$
- charged W boson
 $\text{\textcolor{red}{\textbackslash PWpm}} \Rightarrow W^\pm$
- charged W boson
 $\text{\textcolor{red}{\textbackslash PWmp}} \Rightarrow W^\mp$
- W-plus
 $\text{\textcolor{red}{\textbackslash PWp}} \Rightarrow W^+$

- W-minus
 $\text{\textbackslash PWm} \Rightarrow W^-$
- $\text{\textbackslash PWR} \Rightarrow W_R$
- W-prime boson
 $\text{\textbackslash PWpr} \Rightarrow W'$
- Z boson
 $\text{\textbackslash PZ} \Rightarrow Z$
- neutral Z boson
 $\text{\textbackslash PZZ} \Rightarrow Z^0$
- Z-prime boson
 $\text{\textbackslash PZpr} \Rightarrow Z'$
- left-right Z boson
 $\text{\textbackslash PZLR} \Rightarrow Z_{LR}$
- $\text{\textbackslash PZgc} \Rightarrow Z_\chi$
- $\text{\textbackslash PZge} \Rightarrow Z_\eta$
- $\text{\textbackslash PZgy} \Rightarrow Z_\psi$
- $\text{\textbackslash PZi} \Rightarrow Z_1$
- axion
 $\text{\textbackslash PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\text{\textbackslash PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\text{\textbackslash PHz} \Rightarrow H^0$
- light Higgs
 $\text{\textbackslash Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\text{\textbackslash Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\text{\textbackslash PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\text{\textbackslash PAz} \Rightarrow A^0$
- charged Higgs
 $\text{\textbackslash PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\text{\textbackslash PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\text{\textbackslash PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\text{\textbackslash PHm} \Rightarrow H^-$
- fermion
 $\text{\textbackslash Pf} \Rightarrow f$
- charged fermion
 $\text{\textbackslash Pfpm} \Rightarrow f^\pm$
- charged fermion
 $\text{\textbackslash Pfmp} \Rightarrow f^\mp$
- positive fermion
 $\text{\textbackslash Pf} \Rightarrow f^+$
- negative fermion
 $\text{\textbackslash Pf} \Rightarrow f^-$
- anti-fermion
 $\text{\textbackslash Paf} \Rightarrow \bar{f}$
- lepton
 $\text{\textbackslash Pl} \Rightarrow \ell$

- charged lepton
 $\text{\textbackslash P1pm} \Rightarrow \ell^\pm$
- charged lepton
 $\text{\textbackslash P1mp} \Rightarrow \ell^\mp$
- positive lepton
 $\text{\textbackslash P1p} \Rightarrow \ell^+$
- negative lepton
 $\text{\textbackslash P1m} \Rightarrow \ell^-$
- anti-lepton
 $\text{\textbackslash Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\text{\textbackslash Pgn} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\text{\textbackslash Pgnl} \Rightarrow \nu_\ell$
- generic anti-neutrino
 $\text{\textbackslash Pagn} \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\text{\textbackslash Pagnl} \Rightarrow \bar{\nu}_\ell$
- electronic
 $\text{\textbackslash Pe} \Rightarrow e$
- e plus/minus
 $\text{\textbackslash Pepm} \Rightarrow e^\pm$
- e minus/plus
 $\text{\textbackslash Pemp} \Rightarrow e^\mp$
- electron
 $\text{\textbackslash Pem} \Rightarrow e^-$
- positron
 $\text{\textbackslash Pep} \Rightarrow e^+$
- muonic
 $\text{\textbackslash Pgmm} \Rightarrow \mu$
- mu plus/minus
 $\text{\textbackslash Pgmpm} \Rightarrow \mu^\pm$
- mu minus/plus
 $\text{\textbackslash Pgmmmp} \Rightarrow \mu^\mp$
- muon
 $\text{\textbackslash Pgmm} \Rightarrow \mu^-$
- anti-muon
 $\text{\textbackslash Pgmp} \Rightarrow \mu^+$
- tauonic
 $\text{\textbackslash Pgt} \Rightarrow \tau$
- tau plus/minus
 $\text{\textbackslash Pgtpm} \Rightarrow \tau^\pm$
- tau minus/plus
 $\text{\textbackslash Pgtmp} \Rightarrow \tau^\mp$
- tau lepton
 $\text{\textbackslash Pgtn} \Rightarrow \tau^-$
- anti-tau
 $\text{\textbackslash Pgtp} \Rightarrow \tau^+$
- electron neutrino
 $\text{\textbackslash Pgne} \Rightarrow \nu_e$
- muon neutrino
 $\text{\textbackslash Pgngm} \Rightarrow \nu_\mu$
- tau neutrino
 $\text{\textbackslash Pgngt} \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\text{\textbackslash Pagne} \Rightarrow \bar{\nu}_e$

- muon anti-neutrino
 $\text{\textbackslash Pagngm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\text{\textbackslash Pagngt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\text{\textbackslash Pq} \Rightarrow q$
- anti-quark
 $\text{\textbackslash Paq} \Rightarrow \bar{q}$
- down quark
 $\text{\textbackslash Pqd} \Rightarrow d$
- up quark
 $\text{\textbackslash Pqu} \Rightarrow u$
- strange quark
 $\text{\textbackslash Pqs} \Rightarrow s$
- charm quark
 $\text{\textbackslash Pqc} \Rightarrow c$
- bottom quark
 $\text{\textbackslash Pqb} \Rightarrow b$
- top quark
 $\text{\textbackslash Pqt} \Rightarrow t$
- down anti-quark
 $\text{\textbackslash Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\text{\textbackslash Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\text{\textbackslash Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\text{\textbackslash Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\text{\textbackslash Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\text{\textbackslash Paqt} \Rightarrow \bar{t}$
- $\text{\textbackslash Pqb} \Rightarrow b$
- $\text{\textbackslash Pqc} \Rightarrow c$
- $\text{\textbackslash Pqd} \Rightarrow d$
- $\text{\textbackslash Pqs} \Rightarrow s$
- $\text{\textbackslash Pqt} \Rightarrow t$
- $\text{\textbackslash Pqu} \Rightarrow u$
- $\text{\textbackslash Paq} \Rightarrow q$
- anti-bottom quark
 $\text{\textbackslash Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\text{\textbackslash Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\text{\textbackslash Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\text{\textbackslash Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\text{\textbackslash Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\text{\textbackslash Paqu} \Rightarrow \bar{u}$
- anti-quark
 $\text{\textbackslash Paq} \Rightarrow \bar{q}$
- proton
 $\text{\textbackslash Pp} \Rightarrow p$

- neutron
 $\backslash \text{Pn} \Rightarrow n$
- anti-proton
 $\backslash \text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash \text{Pan} \Rightarrow \bar{n}$
- $\backslash \text{PcgC} \Rightarrow \chi_c$
- $\backslash \text{PcgCii} \Rightarrow \chi_{c2}(1P)$
- $\backslash \text{PcgCi} \Rightarrow \chi_{c1}(1P)$
- $\backslash \text{PcgCz} \Rightarrow \chi_{c0}(1P)$
- $\backslash \text{Pfia} \Rightarrow f_1(1390)$
- $\backslash \text{Pfib} \Rightarrow f_1(1510)$
- $\backslash \text{Pfia} \Rightarrow f_2(1720)$
- $\backslash \text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash \text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash \text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash \text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash \text{Pfii} \Rightarrow f_2(1270)$
- $\backslash \text{Pfiiv} \Rightarrow f_4(2050)$
- $\backslash \text{Pfi} \Rightarrow f_1(1285)$
- $\backslash \text{Pfza} \Rightarrow f_0(1400)$
- $\backslash \text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash \text{Pfz} \Rightarrow f_0(975)$
- $\backslash \text{PgD} \Rightarrow E^0$
- $\backslash \text{PgDa} \Rightarrow E^0(1232) P_{33}$
- $\backslash \text{PgDb} \Rightarrow E^0(1620) S_{31}$
- $\backslash \text{PgDc} \Rightarrow E^0(1700) D_{33}$
- $\backslash \text{PgDd} \Rightarrow E^0(1900) S_{31}$
- $\backslash \text{PgDe} \Rightarrow E^0(1905) F_{35}$
- $\backslash \text{PgDf} \Rightarrow E^0(1910) P_{31}$
- $\backslash \text{PgDh} \Rightarrow E^0(1920) P_{33}$
- $\backslash \text{PgDi} \Rightarrow E^0(1930) D_{35}$
- $\backslash \text{PgDj} \Rightarrow E^0(1950) F_{37}$
- $\backslash \text{PgDk} \Rightarrow E^0(2420) H_{3,11}$
- $\backslash \text{PgL} \Rightarrow \Lambda$
- $\backslash \text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash \text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash \text{PbgL} \Rightarrow \Lambda_b$
- $\backslash \text{PgLa} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash \text{PgLb} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash \text{PgLc} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash \text{PgLd} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash \text{PgLe} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash \text{PgLf} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash \text{PgLg} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash \text{PgLh} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash \text{PgLi} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash \text{PgLj} \Rightarrow \Lambda(1890) P_{03}$

- $\backslash PgLk \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgLl \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgLm \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOp\pm \Rightarrow \Omega^\pm$
- $\backslash PgOpp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$
- new
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash PcgS \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash PacgS \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash PgSi \Rightarrow \Sigma(2050)$
- $\backslash PcgSi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash PgUi \Rightarrow \Upsilon(1S)$
- $\backslash PgUa \Rightarrow \Upsilon(2S)$
- $\backslash PgUb \Rightarrow \Upsilon(3S)$
- $\backslash PgUc \Rightarrow \Upsilon(4S)$
- $\backslash PgUd \Rightarrow \Upsilon(10860)$
- $\backslash PgUe \Rightarrow \Upsilon(11020)$
- $\backslash PgX \Rightarrow \Xi$
- $\backslash PgXp \Rightarrow \Xi^+$
- $\backslash PgXm \Rightarrow \Xi^-$
- $\backslash PgXz \Rightarrow \Xi^0$
- $\backslash PgXa \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgXb \Rightarrow \Xi(1690)$
- $\backslash PgXc \Rightarrow \Xi(1820) D_{13}$

- $\text{\textbackslash PgXd} \Rightarrow \Xi(1950)$
- $\text{\textbackslash PgXe} \Rightarrow \Xi(2030)$
- $\text{\textbackslash PagXp} \Rightarrow \bar{\Xi}^+$
- $\text{\textbackslash PagXm} \Rightarrow \bar{\Xi}^-$
- $\text{\textbackslash PagXz} \Rightarrow \bar{\Xi}^0$
- $\text{\textbackslash PcgXp} \Rightarrow \Xi_c^+$
- $\text{\textbackslash PcgXz} \Rightarrow \Xi_c^0$
- $\text{\textbackslash Pgff} \Rightarrow \phi$
- $\text{\textbackslash Pgfi} \Rightarrow \phi(1020)$
- $\text{\textbackslash Pgfa} \Rightarrow \phi(1680)$
- $\text{\textbackslash Pgffff} \Rightarrow \phi_3(1850)$
- $\text{\textbackslash Pgh} \Rightarrow \eta$
- $\text{\textbackslash Pghpr} \Rightarrow \eta'$
- $\text{\textbackslash Pcggh} \Rightarrow \eta_c$
- $\text{\textbackslash Pggha} \Rightarrow \eta(1295)$
- $\text{\textbackslash Pggb} \Rightarrow \eta(1440)$
- $\text{\textbackslash Pghpri} \Rightarrow \eta'(958)$
- $\text{\textbackslash Pcgghi} \Rightarrow \eta_c(1S)$
- $\text{\textbackslash Pgo} \Rightarrow \omega$
- $\text{\textbackslash Pgoi} \Rightarrow \omega(783)$
- $\text{\textbackslash Pgoa} \Rightarrow \omega(1390)$
- $\text{\textbackslash Pgob} \Rightarrow \omega(1600)$
- $\text{\textbackslash Pgoooo} \Rightarrow \omega(3)^{1670}$
- pion
 $\text{\textbackslash Pgpp} \Rightarrow \pi$
- charged pion
 $\text{\textbackslash Pgppm} \Rightarrow \pi^\pm$
- charged pion
 $\text{\textbackslash Pgppmp} \Rightarrow \pi^\mp$
- negative pion
 $\text{\textbackslash Pgpm} \Rightarrow \pi^-$
- positive pion
 $\text{\textbackslash Pgpp} \Rightarrow \pi^+$
- neutral pion
 $\text{\textbackslash Pgpz} \Rightarrow \pi^0$
- $\text{\textbackslash Pgpa} \Rightarrow \pi(1300)$
- $\text{\textbackslash Pgpii} \Rightarrow \pi_2(1670)$
- resonance removed
 $\text{\textbackslash Pgr} \Rightarrow \rho$
- $\text{\textbackslash Pggrp} \Rightarrow \rho^+$
- $\text{\textbackslash Pgprm} \Rightarrow \rho^-$
- $\text{\textbackslash Pgprm} \Rightarrow \rho^\pm$
- $\text{\textbackslash Pgrrmp} \Rightarrow \rho^\mp$
- $\text{\textbackslash Pgrrz} \Rightarrow \rho^0$
- new
 $\text{\textbackslash Pgri} \Rightarrow \rho(770)$
- $\text{\textbackslash Pggra} \Rightarrow \rho(1450)$
- $\text{\textbackslash Pgrrb} \Rightarrow \rho(1700)$
- $\text{\textbackslash Pgriiii} \Rightarrow \rho_3(1690)$

- $\text{\PJgy} \Rightarrow J/\psi$
- $\text{\PJgyi} \Rightarrow J/\psi(1S)$
- $\text{\Pgy} \Rightarrow \psi$
- $\text{\Pgyii} \Rightarrow \psi(2S)$
- $\text{\Pgya} \Rightarrow \psi(3770)$
- $\text{\Pgyb} \Rightarrow \psi(4040)$
- $\text{\Pgyc} \Rightarrow \psi(4160)$
- $\text{\Pgyd} \Rightarrow \psi(4415)$
- $\text{\PD} \Rightarrow D$
- $\text{\PDpm} \Rightarrow D^\pm$
- $\text{\PDmp} \Rightarrow D^\mp$
- $\text{\PDz} \Rightarrow D^0$
- $\text{\PDm} \Rightarrow D^-$
- $\text{\PDp} \Rightarrow D^+$
- $\text{\PDst} \Rightarrow D^*$
- $\text{\PaD} \Rightarrow \bar{D}$
- $\text{\PaDz} \Rightarrow \bar{D}^0$
- new 2005-07-08
 $\text{\PsD} \Rightarrow D_s$
- $\text{\PsDm} \Rightarrow D_s^-$
- $\text{\PsDp} \Rightarrow D_s^+$
- $\text{\PsDpm} \Rightarrow D_s^\pm$
- $\text{\PsDmp} \Rightarrow D_s^\mp$
- $\text{\PsDst} \Rightarrow D_s^*$
- $\text{\PsDipm} \Rightarrow D_{s1}(2536)^\pm$
- $\text{\PsDimp} \Rightarrow D_{s1}(2536)^\mp$
- $\text{\PDiz} \Rightarrow D_1(2420)^0$
- $\text{\PDstiiz} \Rightarrow D_2^*(2460)^0$
- $\text{\PDstpm} \Rightarrow D^*(2010)^\pm$
- $\text{\PDstmp} \Rightarrow D^*(2010)^\mp$
- $\text{\PDstz} \Rightarrow D^*(2010)^0$
- $\text{\PgD} \Rightarrow E^0$
- $\text{\PEz} \Rightarrow E^0$
- $\text{\PLpm} \Rightarrow L^\pm$
- $\text{\PLmp} \Rightarrow L^\mp$
- $\text{\PLz} \Rightarrow L^0$
- $\text{\Paii} \Rightarrow a_2(1320)$
- $\text{\Pai} \Rightarrow a_1(1260)$
- $\text{\Paz} \Rightarrow a_0(980)$
- $\text{\Pbgcia} \Rightarrow \chi_{b1}(2P)$
- $\text{\Pbgciia} \Rightarrow \chi_{b2}(2P)$
- $\text{\Pbgcii} \Rightarrow \chi_{b2}(1P)$
- $\text{\Pbgci} \Rightarrow \chi_{b1}(1P)$
- $\text{\Pbgcza} \Rightarrow \chi_{b0}(2P)$
- $\text{\Pbgcz} \Rightarrow \chi_{b0}(1P)$
- $\text{\Pbi} \Rightarrow b_1(1235)$
- $\text{\Phia} \Rightarrow h_1(1170)$

- Higgsino
 $\text{\textbackslash PSH} \Rightarrow \tilde{H}$
- positive Higgsino
 $\text{\textbackslash PSHp} \Rightarrow \tilde{H}^+$
- negative Higgsino
 $\text{\textbackslash PSHm} \Rightarrow \tilde{H}^-$
- charged Higgsino
 $\text{\textbackslash PSHpm} \Rightarrow \tilde{H}^\pm$
- charged Higgsino
 $\text{\textbackslash PSHmp} \Rightarrow \tilde{H}^\mp$
- neutral Higgsino
 $\text{\textbackslash PSHz} \Rightarrow \tilde{H}^0$
- wino
 $\text{\textbackslash PSW} \Rightarrow \tilde{W}$
- positive wino
 $\text{\textbackslash PSWp} \Rightarrow \tilde{W}^+$
- negative wino
 $\text{\textbackslash PSWm} \Rightarrow \tilde{W}^-$
- wino pm
 $\text{\textbackslash PSWpm} \Rightarrow \tilde{W}^\pm$
- wino mp
 $\text{\textbackslash PSWmp} \Rightarrow \tilde{W}^\mp$
- zino
 $\text{\textbackslash PSZ} \Rightarrow \tilde{Z}$
- zino
 $\text{\textbackslash PSZz} \Rightarrow \tilde{Z}^0$
- bino
 $\text{\textbackslash PSB} \Rightarrow \tilde{B}$
- selectron
 $\text{\textbackslash PSe} \Rightarrow \tilde{e}$
- photino
 $\text{\textbackslash PSgg} \Rightarrow \tilde{\gamma}$
- smuon
 $\text{\textbackslash PSgm} \Rightarrow \tilde{\mu}$
- sneutrino
 $\text{\textbackslash PSgn} \Rightarrow \tilde{\nu}$
- stau
 $\text{\textbackslash PSgt} \Rightarrow \tilde{\tau}$
- chargino/neutralino
 $\text{\textbackslash PSgx} \Rightarrow \tilde{\chi}$
- chargino pm
 $\text{\textbackslash PSgxp} \Rightarrow \tilde{\chi}^\pm$
- chargino mp
 $\text{\textbackslash PSgxmp} \Rightarrow \tilde{\chi}^\mp$
- neutralino
 $\text{\textbackslash PSgxz} \Rightarrow \tilde{\chi}^0$
- lightest neutralino
 $\text{\textbackslash PSgxzi} \Rightarrow \tilde{\chi}_1^0$
- next-to-lightest neutralino
 $\text{\textbackslash PSgxzii} \Rightarrow \tilde{\chi}_2^0$
- gluino
 $\text{\textbackslash PSG} \Rightarrow \tilde{g}$
- slepton (generic)
 $\text{\textbackslash PSl} \Rightarrow \tilde{\ell}$
- anti-slepton (generic)
 $\text{\textbackslash PaSl} \Rightarrow \tilde{\bar{\ell}}$

- squark (generic)
 $\text{\textbackslash PSq} \Rightarrow \tilde{q}$
- anti-squark (generic)
 $\text{\textbackslash PaSq} \Rightarrow \tilde{\bar{q}}$
- down squark
 $\text{\textbackslash PSqd} \Rightarrow \tilde{d}$
- up squark
 $\text{\textbackslash PSqu} \Rightarrow \tilde{u}$
- strange squark
 $\text{\textbackslash PSqs} \Rightarrow \tilde{s}$
- charm squark
 $\text{\textbackslash PSqc} \Rightarrow \tilde{c}$
- bottom squark (sbottom)
 $\text{\textbackslash PSqb} \Rightarrow \tilde{b}$
- top squark (stop)
 $\text{\textbackslash PSqt} \Rightarrow \tilde{t}$
- anti-down squark
 $\text{\textbackslash PaSqd} \Rightarrow \tilde{\bar{d}}$
- anti-up squark
 $\text{\textbackslash PaSqu} \Rightarrow \tilde{\bar{u}}$
- anti-strange squark
 $\text{\textbackslash PaSqs} \Rightarrow \tilde{\bar{s}}$
- anti-charm squark
 $\text{\textbackslash PaSqc} \Rightarrow \tilde{\bar{c}}$
- anti-bottom squark
 $\text{\textbackslash PaSqb} \Rightarrow \tilde{\bar{b}}$
- anti-top squark (stop)
 $\text{\textbackslash PaSqt} \Rightarrow \tilde{\bar{t}}$

2 Bold font

- $\backslash\text{hepnames} \Rightarrow \text{hepnames}$
- $\backslash\text{heppennames} \Rightarrow \text{heppennames}$
- $\backslash\text{PB} \Rightarrow B$
- $\backslash\text{PBpm} \Rightarrow B^\pm$
- $\backslash\text{PBmp} \Rightarrow B^\mp$
- $\backslash\text{PBp} \Rightarrow B^+$
- $\backslash\text{PBm} \Rightarrow B^-$
- $\backslash\text{PBz} \Rightarrow B^0$
- $\backslash\text{PBst} \Rightarrow B^*$
- $\backslash\text{PdB} \Rightarrow B_d^0$
- $\backslash\text{PuB} \Rightarrow B^+$
- $\backslash\text{PcB} \Rightarrow B_c^+$
- $\backslash\text{PsB} \Rightarrow B_s^0$
- $\backslash\text{PaB} \Rightarrow \bar{B}$
- $\backslash\text{PaBz} \Rightarrow \bar{B}^0$
- $\backslash\text{PadB} \Rightarrow \bar{B}_d^0$
- $\backslash\text{PauB} \Rightarrow B^-$
- $\backslash\text{PacB} \Rightarrow B_c^-$
- $\backslash\text{PasB} \Rightarrow \bar{B}_s^0$
- 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
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow K_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmi} \Rightarrow K_{\mu 3}^0$
- $\backslash\text{PKia} \Rightarrow K_1(1400)$

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

- $\text{\textcolor{red}{PZge}} \Rightarrow Z_\eta$
- $\text{\textcolor{red}{PZgy}} \Rightarrow Z_\psi$
- $\text{\textcolor{red}{PZi}} \Rightarrow Z_1$
- axion
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- standard/heavy Higgs
 $\text{\textcolor{red}{PH}} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\text{\textcolor{red}{PHz}} \Rightarrow H^0$
- light Higgs
 $\text{\textcolor{red}{Ph}} \Rightarrow h$
- explicitly neutral light Higgs
 $\text{\textcolor{red}{Phz}} \Rightarrow h^0$
- pseudoscalar Higgs
 $\text{\textcolor{red}{PA}} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- charged Higgs
 $\text{\textcolor{red}{PHpm}} \Rightarrow H^\pm$
- charged Higgs
 $\text{\textcolor{red}{PHmp}} \Rightarrow H^\mp$
- positive-charged Higgs
 $\text{\textcolor{red}{PHp}} \Rightarrow H^+$
- negative-charged Higgs
 $\text{\textcolor{red}{PHm}} \Rightarrow H^-$
- fermion
 $\text{\textcolor{red}{Pf}} \Rightarrow f$
- charged fermion
 $\text{\textcolor{red}{Pfpm}} \Rightarrow f^\pm$
- charged fermion
 $\text{\textcolor{red}{Pfmp}} \Rightarrow f^\mp$
- positive fermion
 $\text{\textcolor{red}{Pfp}} \Rightarrow f^+$
- negative fermion
 $\text{\textcolor{red}{Pfm}} \Rightarrow f^-$
- anti-fermion
 $\text{\textcolor{red}{Paf}} \Rightarrow \bar{f}$
- lepton
 $\text{\textcolor{red}{Pl}} \Rightarrow \ell$
- charged lepton
 $\text{\textcolor{red}{Plpm}} \Rightarrow \ell^\pm$
- charged lepton
 $\text{\textcolor{red}{Plmp}} \Rightarrow \ell^\mp$
- positive lepton
 $\text{\textcolor{red}{Plp}} \Rightarrow \ell^+$
- negative lepton
 $\text{\textcolor{red}{Plm}} \Rightarrow \ell^-$
- anti-lepton
 $\text{\textcolor{red}{Pal}} \Rightarrow \bar{\ell}$
- generic neutrino
 $\text{\textcolor{red}{Pgn}} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\text{\textcolor{red}{Pgnl}} \Rightarrow \nu_\ell$

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

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

- $\text{\textbackslash Pfia} \Rightarrow f_1(1390)$
- $\text{\textbackslash Pfib} \Rightarrow f_1(1510)$
- $\text{\textbackslash Pfiaa} \Rightarrow f_2(1720)$
- $\text{\textbackslash Pfibb} \Rightarrow f_2(2010)$
- $\text{\textbackslash Pfic} \Rightarrow f_2(2300)$
- $\text{\textbackslash Pfid} \Rightarrow f_2(2340)$
- $\text{\textbackslash Pfiipr} \Rightarrow f'_2(1525)$
- $\text{\textbackslash Pfii} \Rightarrow f_2(1270)$
- $\text{\textbackslash Pfiv} \Rightarrow f_4(2050)$
- $\text{\textbackslash Pfi} \Rightarrow f_1(1285)$
- $\text{\textbackslash Pfza} \Rightarrow f_0(1400)$
- $\text{\textbackslash Pfzb} \Rightarrow f_0(1590)$
- $\text{\textbackslash Pfz} \Rightarrow f_0(975)$
- $\text{\textbackslash PgD} \Rightarrow E^0$
- $\text{\textbackslash PgDa} \Rightarrow E^0(1232) P_{33}$
- $\text{\textbackslash PgDb} \Rightarrow E^0(1620) S_{31}$
- $\text{\textbackslash PgDc} \Rightarrow E^0(1700) D_{33}$
- $\text{\textbackslash PgDd} \Rightarrow E^0(1900) S_{31}$
- $\text{\textbackslash PgDe} \Rightarrow E^0(1905) F_{35}$
- $\text{\textbackslash PgDf} \Rightarrow E^0(1910) P_{31}$
- $\text{\textbackslash PgDh} \Rightarrow E^0(1920) P_{33}$
- $\text{\textbackslash PgDi} \Rightarrow E^0(1930) D_{35}$
- $\text{\textbackslash PgDj} \Rightarrow E^0(1950) F_{37}$
- $\text{\textbackslash PgDk} \Rightarrow E^0(2420) H_{3,11}$
- $\text{\textbackslash PgL} \Rightarrow \Lambda$
- $\text{\textbackslash PagL} \Rightarrow \bar{\Lambda}$
- $\text{\textbackslash PcgLp} \Rightarrow \Lambda_c^+$
- $\text{\textbackslash PbgL} \Rightarrow \Lambda_b$
- $\text{\textbackslash PgLa} \Rightarrow \Lambda(1405) S_{01}$
- $\text{\textbackslash PgLb} \Rightarrow \Lambda(1520) D_{03}$
- $\text{\textbackslash PgLc} \Rightarrow \Lambda(1600) P_{01}$
- $\text{\textbackslash PgLd} \Rightarrow \Lambda(1670) S_{01}$
- $\text{\textbackslash PgLe} \Rightarrow \Lambda(1690) D_{03}$
- $\text{\textbackslash PgLf} \Rightarrow \Lambda(1800) S_{01}$
- $\text{\textbackslash PgLg} \Rightarrow \Lambda(1810) P_{01}$
- $\text{\textbackslash PgLh} \Rightarrow \Lambda(1820) F_{05}$
- $\text{\textbackslash PgLi} \Rightarrow \Lambda(1830) D_{05}$
- $\text{\textbackslash PgLj} \Rightarrow \Lambda(1890) P_{03}$
- $\text{\textbackslash PgLk} \Rightarrow \Lambda(2100) G_{07}$
- $\text{\textbackslash PgLl} \Rightarrow \Lambda(2110) F_{05}$
- $\text{\textbackslash PgLm} \Rightarrow \Lambda(2350) H_{09}$
- $\text{\textbackslash PgO} \Rightarrow \Omega$
- $\text{\textbackslash PgOp\texttt{m}} \Rightarrow \Omega^\pm$
- $\text{\textbackslash PgOp\texttt{mp}} \Rightarrow \Omega^\mp$
- $\text{\textbackslash PgOp\texttt{p}} \Rightarrow \Omega^+$
- $\text{\textbackslash PgOp\texttt{m}} \Rightarrow \Omega^-$
- $\text{\textbackslash PgOp\texttt{ma}} \Rightarrow \Omega(2250)^-$

- new
- $\text{\textbackslash PgOp} \Rightarrow \bar{\Omega}^+$
- $\text{\textbackslash PagOm} \Rightarrow \bar{\Omega}^-$
- $\text{\textbackslash PgS} \Rightarrow \Sigma$
- $\text{\textbackslash PgSpm} \Rightarrow \Sigma^\pm$
- $\text{\textbackslash PgSmp} \Rightarrow \Sigma^\mp$
- $\text{\textbackslash PgSm} \Rightarrow \Sigma^-$
- $\text{\textbackslash PgSp} \Rightarrow \Sigma^+$
- $\text{\textbackslash PgSz} \Rightarrow \Sigma^0$
- $\text{\textbackslash PcgS} \Rightarrow \Sigma_c$
- $\text{\textbackslash PagSm} \Rightarrow \bar{\Sigma}^-$
- $\text{\textbackslash PagSp} \Rightarrow \bar{\Sigma}^+$
- $\text{\textbackslash PagSz} \Rightarrow \bar{\Sigma}^0$
- $\text{\textbackslash PacgS} \Rightarrow \bar{\Sigma}_c$
- $\text{\textbackslash PgSa} \Rightarrow \Sigma(1385) P_{13}$
- $\text{\textbackslash PgSb} \Rightarrow \Sigma(1660) P_{11}$
- $\text{\textbackslash PgSc} \Rightarrow \Sigma(1670) D_{13}$
- $\text{\textbackslash PgSd} \Rightarrow \Sigma(1750) S_{11}$
- $\text{\textbackslash PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\text{\textbackslash PgSf} \Rightarrow \Sigma(1915) F_{15}$
- $\text{\textbackslash PgSg} \Rightarrow \Sigma(1940) D_{13}$
- $\text{\textbackslash PgSh} \Rightarrow \Sigma(2030) F_{17}$
- $\text{\textbackslash PgSi} \Rightarrow \Sigma(2050)$
- $\text{\textbackslash PcgSi} \Rightarrow \Sigma_c(2455)$
- $\text{\textbackslash PgU} \Rightarrow \Upsilon$
- $\text{\textbackslash PgUi} \Rightarrow \Upsilon(1S)$
- $\text{\textbackslash PgUa} \Rightarrow \Upsilon(2S)$
- $\text{\textbackslash PgUb} \Rightarrow \Upsilon(3S)$
- $\text{\textbackslash PgUc} \Rightarrow \Upsilon(4S)$
- $\text{\textbackslash PgUd} \Rightarrow \Upsilon(10860)$
- $\text{\textbackslash PgUe} \Rightarrow \Upsilon(11020)$
- $\text{\textbackslash PgX} \Rightarrow \Xi$
- $\text{\textbackslash PgXp} \Rightarrow \Xi^+$
- $\text{\textbackslash PgXm} \Rightarrow \Xi^-$
- $\text{\textbackslash PgXz} \Rightarrow \Xi^0$
- $\text{\textbackslash PgXa} \Rightarrow \Xi(1530) P_{13}$
- $\text{\textbackslash PgXb} \Rightarrow \Xi(1690)$
- $\text{\textbackslash PgXc} \Rightarrow \Xi(1820) D_{13}$
- $\text{\textbackslash PgXd} \Rightarrow \Xi(1950)$
- $\text{\textbackslash PgXe} \Rightarrow \Xi(2030)$
- $\text{\textbackslash PagXp} \Rightarrow \bar{\Xi}^+$
- $\text{\textbackslash PagXm} \Rightarrow \bar{\Xi}^-$
- $\text{\textbackslash PagXz} \Rightarrow \bar{\Xi}^0$
- $\text{\textbackslash PcgXp} \Rightarrow \Xi_c^+$
- $\text{\textbackslash PcgXz} \Rightarrow \Xi_c^0$
- $\text{\textbackslash Pgff} \Rightarrow \phi$
- $\text{\textbackslash Pgfi} \Rightarrow \phi(1020)$

- $\text{\textbackslash Pgfa} \Rightarrow \phi(1680)$
- $\text{\textbackslash Pgfi}_{\text{ii}} \Rightarrow \phi_3(1850)$
- $\text{\textbackslash Pgh} \Rightarrow \eta$
- $\text{\textbackslash Pgphr} \Rightarrow \eta'$
- $\text{\textbackslash Pcg}_{\text{h}} \Rightarrow \eta_c$
- $\text{\textbackslash Pg}_{\text{ha}} \Rightarrow \eta(1295)$
- $\text{\textbackslash Pg}_{\text{hb}} \Rightarrow \eta(1440)$
- $\text{\textbackslash Pg}_{\text{hpri}} \Rightarrow \eta'(958)$
- $\text{\textbackslash Pg}_{\text{ghi}} \Rightarrow \eta_c(1S)$
- $\text{\textbackslash Pgo} \Rightarrow \omega$
- $\text{\textbackslash Pgo}_{\text{i}} \Rightarrow \omega(783)$
- $\text{\textbackslash Pgo}_{\text{a}} \Rightarrow \omega(1390)$
- $\text{\textbackslash Pgo}_{\text{b}} \Rightarrow \omega(1600)$
- $\text{\textbackslash Pgo}_{\text{iii}} \Rightarrow \omega(3)^{1670}$
- pion
 $\text{\textbackslash Pg}_{\text{p}} \Rightarrow \pi$
- charged pion
 $\text{\textbackslash Pgppm} \Rightarrow \pi^{\pm}$
- charged pion
 $\text{\textbackslash Pgmp} \Rightarrow \pi^{\mp}$
- negative pion
 $\text{\textbackslash Pgpm} \Rightarrow \pi^-$
- positive pion
 $\text{\textbackslash Pgpp} \Rightarrow \pi^+$
- neutral pion
 $\text{\textbackslash Pg}_{\text{pz}} \Rightarrow \pi^0$
- $\text{\textbackslash Pgpa} \Rightarrow \pi(1300)$
- $\text{\textbackslash Pg}_{\text{pii}} \Rightarrow \pi_2(1670)$
- resonance removed
 $\text{\textbackslash Pgr} \Rightarrow \rho$
- $\text{\textbackslash Pg}_{\text{grp}} \Rightarrow \rho^+$
- $\text{\textbackslash Pg}_{\text{grm}} \Rightarrow \rho^-$
- $\text{\textbackslash Pg}_{\text{grpmm}} \Rightarrow \rho^{\pm}$
- $\text{\textbackslash Pg}_{\text{grmp}} \Rightarrow \rho^{\mp}$
- $\text{\textbackslash Pg}_{\text{rz}} \Rightarrow \rho^0$
- new
 $\text{\textbackslash Pgri} \Rightarrow \rho(770)$
- $\text{\textbackslash Pg}_{\text{ra}} \Rightarrow \rho(1450)$
- $\text{\textbackslash Pg}_{\text{rb}} \Rightarrow \rho(1700)$
- $\text{\textbackslash Pgri}_{\text{ii}} \Rightarrow \rho_3(1690)$
- $\text{\textbackslash PJgy} \Rightarrow J/\psi$
- $\text{\textbackslash PJgy}_{\text{i}} \Rightarrow J/\psi(1S)$
- $\text{\textbackslash Pg}_{\text{y}} \Rightarrow \psi$
- $\text{\textbackslash Pg}_{\text{yii}} \Rightarrow \psi(2S)$
- $\text{\textbackslash Pg}_{\text{ya}} \Rightarrow \psi(3770)$
- $\text{\textbackslash Pg}_{\text{yb}} \Rightarrow \psi(4040)$
- $\text{\textbackslash Pg}_{\text{yc}} \Rightarrow \psi(4160)$
- $\text{\textbackslash Pg}_{\text{yd}} \Rightarrow \psi(4415)$
- $\text{\textbackslash PD} \Rightarrow D$

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

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

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

3 Italic font

- $\backslash \text{hepnames} \Rightarrow \text{hepnames}$
- $\backslash \text{heppennames} \Rightarrow \text{heppennames}$
- $\backslash \text{PB} \Rightarrow B$
- $\backslash \text{PBpm} \Rightarrow B^\pm$
- $\backslash \text{PBmp} \Rightarrow B^\mp$
- $\backslash \text{PBp} \Rightarrow B^+$
- $\backslash \text{PBm} \Rightarrow B^-$
- $\backslash \text{PBz} \Rightarrow B^0$
- $\backslash \text{PBst} \Rightarrow B^*$
- $\backslash \text{PdB} \Rightarrow B_d^0$
- $\backslash \text{PuB} \Rightarrow B^+$
- $\backslash \text{PcB} \Rightarrow B_c^+$
- $\backslash \text{PsB} \Rightarrow B_s^0$
- $\backslash \text{PaB} \Rightarrow \bar{B}$
- $\backslash \text{PaBz} \Rightarrow \bar{B}^0$
- $\backslash \text{PadB} \Rightarrow \bar{B}_d^0$
- $\backslash \text{PauB} \Rightarrow B^-$
- $\backslash \text{PacB} \Rightarrow B_c^-$
- $\backslash \text{PasB} \Rightarrow \bar{B}_s^0$
- *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*
 $\backslash \text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash \text{PKeiii} \Rightarrow K_{e3}$
- $\backslash \text{PKgmi} \Rightarrow K_{\mu 3}$
- $\backslash \text{PKzeii} \Rightarrow K_{e3}^0$
- $\backslash \text{PKzgmi} \Rightarrow K_{\mu 3}^0$
- $\backslash \text{PKia} \Rightarrow K_1(1400)$

- $\text{\textcolor{red}{PK}i\textcolor{red}{i}} \Rightarrow K_2(1770)$
- $\text{\textcolor{red}{PK}i} \Rightarrow K_1(1270)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i}} \Rightarrow K^*(892)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{a}} \Rightarrow K^*(1370)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{b}} \Rightarrow K^*(1680)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i}\textcolor{red}{i}\textcolor{red}{i}} \Rightarrow K_3^*(1780)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i}\textcolor{red}{i}} \Rightarrow K_2^*(1430)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i}\textcolor{red}{v}} \Rightarrow K_4^*(2045)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{z}} \Rightarrow K_0^*(1430)$
- $\text{\textcolor{red}{PN}} \Rightarrow N$
- $\text{\textcolor{red}{PN}a} \Rightarrow N(1440) P_{11}$
- $\text{\textcolor{red}{PN}b} \Rightarrow N(1520) D_{13}$
- $\text{\textcolor{red}{PN}c} \Rightarrow N(1535) S_{11}$
- $\text{\textcolor{red}{PN}d} \Rightarrow N(1650) S_{11}$
- $\text{\textcolor{red}{PN}e} \Rightarrow N(1675) D_{15}$
- $\text{\textcolor{red}{PN}f} \Rightarrow N(1680) F_{15}$
- $\text{\textcolor{red}{PN}g} \Rightarrow N(1700) D_{13}$
- $\text{\textcolor{red}{PN}h} \Rightarrow N(1710) P_{11}$
- $\text{\textcolor{red}{PN}i} \Rightarrow N(1720) P_{13}$
- $\text{\textcolor{red}{PN}j} \Rightarrow N(2190) G_{17}$
- $\text{\textcolor{red}{PN}k} \Rightarrow N(2220) H_{19}$
- $\text{\textcolor{red}{PN}l} \Rightarrow N(2250) G_{19}$
- $\text{\textcolor{red}{PN}m} \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\text{\textcolor{red}{Pg}} \Rightarrow g$
- *photon*
 $\text{\textcolor{red}{Pgg}} \Rightarrow \gamma$
- *photon**
 $\text{\textcolor{red}{Pggx}} \Rightarrow \gamma^*$
- *W boson*
 $\text{\textcolor{red}{PW}} \Rightarrow W$
- *charged W boson*
 $\text{\textcolor{red}{PWpm}} \Rightarrow W^\pm$
- *charged W boson*
 $\text{\textcolor{red}{PWmp}} \Rightarrow W^\mp$
- *W-plus*
 $\text{\textcolor{red}{PWp}} \Rightarrow W^+$
- *W-minus*
 $\text{\textcolor{red}{PWm}} \Rightarrow W^-$
- $\text{\textcolor{red}{PWR}} \Rightarrow W_R$
- *W-prime boson*
 $\text{\textcolor{red}{PWpr}} \Rightarrow W'$
- *Z boson*
 $\text{\textcolor{red}{PZ}} \Rightarrow Z$
- *neutral Z boson*
 $\text{\textcolor{red}{PZz}} \Rightarrow Z^0$
- *Z-prime boson*
 $\text{\textcolor{red}{PZpr}} \Rightarrow Z'$
- *left-right Z boson*
 $\text{\textcolor{red}{PZLR}} \Rightarrow Z_{LR}$
- $\text{\textcolor{red}{PZgc}} \Rightarrow Z_\chi$

- $\text{\textcolor{red}{PZ}ge} \Rightarrow Z_\eta$
- $\text{\textcolor{red}{PZ}gy} \Rightarrow Z_\psi$
- $\text{\textcolor{red}{PZ}i} \Rightarrow Z_1$
- *axion*
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- *standard/heavy Higgs*
 $\text{\textcolor{red}{PH}} \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\text{\textcolor{red}{PHz}} \Rightarrow H^0$
- *light Higgs*
 $\text{\textcolor{red}{Ph}} \Rightarrow h$
- *explicitly neutral light Higgs*
 $\text{\textcolor{red}{Phz}} \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\text{\textcolor{red}{PA}} \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- *charged Higgs*
 $\text{\textcolor{red}{PHpm}} \Rightarrow H^\pm$
- *charged Higgs*
 $\text{\textcolor{red}{PHmp}} \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\text{\textcolor{red}{Php}} \Rightarrow H^+$
- *negative-charged Higgs*
 $\text{\textcolor{red}{Phm}} \Rightarrow H^-$
- *fermion*
 $\text{\textcolor{red}{Pf}} \Rightarrow f$
- *charged fermion*
 $\text{\textcolor{red}{Pfp}} \Rightarrow f^\pm$
- *charged fermion*
 $\text{\textcolor{red}{Pfmp}} \Rightarrow f^\mp$
- *positive fermion*
 $\text{\textcolor{red}{Pfp}} \Rightarrow f^+$
- *negative fermion*
 $\text{\textcolor{red}{Pfm}} \Rightarrow f^-$
- *anti-fermion*
 $\text{\textcolor{red}{Paf}} \Rightarrow \bar{f}$
- *lepton*
 $\text{\textcolor{red}{Pl}} \Rightarrow \ell$
- *charged lepton*
 $\text{\textcolor{red}{Plpm}} \Rightarrow \ell^\pm$
- *charged lepton*
 $\text{\textcolor{red}{Plmp}} \Rightarrow \ell^\mp$
- *positive lepton*
 $\text{\textcolor{red}{Plp}} \Rightarrow \ell^+$
- *negative lepton*
 $\text{\textcolor{red}{Plm}} \Rightarrow \ell^-$
- *anti-lepton*
 $\text{\textcolor{red}{Pal}} \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\text{\textcolor{red}{Pgn}} \Rightarrow \nu$
- *neutrino (for lepton ell)*
 $\text{\textcolor{red}{Pgnl}} \Rightarrow \nu_\ell$
- *generic anti-neutrino*
 $\text{\textcolor{red}{Pagn}} \Rightarrow \bar{\nu}$

- 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
 $\backslash Pgmm \Rightarrow \mu$
- mu plus/minus
 $\backslash Pgmpm \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash Pgmp \Rightarrow \mu^\mp$
- muon
 $\backslash Pgmm \Rightarrow \mu^-$
- anti-muon
 $\backslash Pgmp \Rightarrow \mu^+$
- tauonic
 $\backslash Pgt \Rightarrow \tau$
- tau plus/minus
 $\backslash Pgtpm \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash Pgtmp \Rightarrow \tau^\mp$
- tau lepton
 $\backslash Pgtn \Rightarrow \tau^-$
- anti-tau
 $\backslash Pgtp \Rightarrow \tau^+$
- electron neutrino
 $\backslash Pgne \Rightarrow \nu_e$
- muon neutrino
 $\backslash Pgngm \Rightarrow \nu_\mu$
- tau neutrino
 $\backslash Pgngt \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash Pagngm \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash Pagngt \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash Pq \Rightarrow q$
- anti-quark
 $\backslash Paq \Rightarrow \bar{q}$
- down quark
 $\backslash Pgq \Rightarrow d$
- up quark
 $\backslash Pqu \Rightarrow u$
- strange quark
 $\backslash Pqs \Rightarrow s$
- charm quark
 $\backslash Pqc \Rightarrow c$

- *bottom quark*
 $\text{\textbackslash}Pqb \Rightarrow b$
- *top quark*
 $\text{\textbackslash}Pqt \Rightarrow t$
- *down anti-quark*
 $\text{\textbackslash}Paqd \Rightarrow \bar{d}$
- *up anti-quark*
 $\text{\textbackslash}Paqu \Rightarrow \bar{u}$
- *strange anti-quark*
 $\text{\textbackslash}Paqs \Rightarrow \bar{s}$
- *charm anti-quark*
 $\text{\textbackslash}Paqc \Rightarrow \bar{c}$
- *bottom anti-quark*
 $\text{\textbackslash}Paqb \Rightarrow \bar{b}$
- *top anti-quark*
 $\text{\textbackslash}Paqt \Rightarrow \bar{t}$
- $\text{\textbackslash}Pqb \Rightarrow b$
- $\text{\textbackslash}Pqc \Rightarrow c$
- $\text{\textbackslash}Pqd \Rightarrow d$
- $\text{\textbackslash}Pqs \Rightarrow s$
- $\text{\textbackslash}Pqt \Rightarrow t$
- $\text{\textbackslash}Pqu \Rightarrow u$
- $\text{\textbackslash}Pq \Rightarrow q$
- *anti-bottom quark*
 $\text{\textbackslash}Paqb \Rightarrow \bar{b}$
- *anti-charm quark*
 $\text{\textbackslash}Paqc \Rightarrow \bar{c}$
- *anti-down quark*
 $\text{\textbackslash}Paqd \Rightarrow \bar{d}$
- *anti-strange quark*
 $\text{\textbackslash}Paqs \Rightarrow \bar{s}$
- *anti-top quark*
 $\text{\textbackslash}Paqt \Rightarrow \bar{t}$
- *anti-up quark*
 $\text{\textbackslash}Paqu \Rightarrow \bar{u}$
- *anti-quark*
 $\text{\textbackslash}Paq \Rightarrow \bar{q}$
- *proton*
 $\text{\textbackslash}Pp \Rightarrow p$
- *neutron*
 $\text{\textbackslash}Pn \Rightarrow n$
- *anti-proton*
 $\text{\textbackslash}Pap \Rightarrow \bar{p}$
- *anti-neutron*
 $\text{\textbackslash}Pan \Rightarrow \bar{n}$
- $\text{\textbackslash}Pcgci \Rightarrow \chi_c$
- $\text{\textbackslash}Pcgci \Rightarrow \chi_{c2}(1P)$
- $\text{\textbackslash}Pcgci \Rightarrow \chi_{c1}(1P)$
- $\text{\textbackslash}Pcgcz \Rightarrow \chi_{c0}(1P)$
- $\text{\textbackslash}Pfia \Rightarrow f_1(1390)$
- $\text{\textbackslash}Pfib \Rightarrow f_1(1510)$

- $\text{\textcolor{red}{Pfia}} \Rightarrow f_2(1720)$
- $\text{\textcolor{red}{Pfib}} \Rightarrow f_2(2010)$
- $\text{\textcolor{red}{Pfic}} \Rightarrow f_2(2300)$
- $\text{\textcolor{red}{Pfid}} \Rightarrow f_2(2340)$
- $\text{\textcolor{red}{Pfiipr}} \Rightarrow f'_2(1525)$
- $\text{\textcolor{red}{Pfi}i} \Rightarrow f_2(1270)$
- $\text{\textcolor{red}{Pfi}v} \Rightarrow f_4(2050)$
- $\text{\textcolor{red}{Pfi}i} \Rightarrow f_1(1285)$
- $\text{\textcolor{red}{Pfza}} \Rightarrow f_0(1400)$
- $\text{\textcolor{red}{Pfzb}} \Rightarrow f_0(1590)$
- $\text{\textcolor{red}{Pfz}} \Rightarrow f_0(975)$
- $\text{\textcolor{red}{PgD}} \Rightarrow E^0$
- $\text{\textcolor{red}{PgDa}} \Rightarrow E^0(1232) P_{33}$
- $\text{\textcolor{red}{PgDb}} \Rightarrow E^0(1620) S_{31}$
- $\text{\textcolor{red}{PgDc}} \Rightarrow E^0(1700) D_{33}$
- $\text{\textcolor{red}{PgDd}} \Rightarrow E^0(1900) S_{31}$
- $\text{\textcolor{red}{PgDe}} \Rightarrow E^0(1905) F_{35}$
- $\text{\textcolor{red}{PgDf}} \Rightarrow E^0(1910) P_{31}$
- $\text{\textcolor{red}{PgDh}} \Rightarrow E^0(1920) P_{33}$
- $\text{\textcolor{red}{PgDi}} \Rightarrow E^0(1930) D_{35}$
- $\text{\textcolor{red}{PgDj}} \Rightarrow E^0(1950) F_{37}$
- $\text{\textcolor{red}{PgDk}} \Rightarrow E^0(2420) H_{3,11}$
- $\text{\textcolor{red}{PgL}} \Rightarrow \Lambda$
- $\text{\textcolor{red}{PagL}} \Rightarrow \bar{\Lambda}$
- $\text{\textcolor{red}{PcgLp}} \Rightarrow \Lambda_c^+$
- $\text{\textcolor{red}{PbgL}} \Rightarrow \Lambda_b$
- $\text{\textcolor{red}{PgLa}} \Rightarrow \Lambda(1405) S_{01}$
- $\text{\textcolor{red}{PgLb}} \Rightarrow \Lambda(1520) D_{03}$
- $\text{\textcolor{red}{PgLc}} \Rightarrow \Lambda(1600) P_{01}$
- $\text{\textcolor{red}{PgLd}} \Rightarrow \Lambda(1670) S_{01}$
- $\text{\textcolor{red}{PgLe}} \Rightarrow \Lambda(1690) D_{03}$
- $\text{\textcolor{red}{PgLf}} \Rightarrow \Lambda(1800) S_{01}$
- $\text{\textcolor{red}{PgLg}} \Rightarrow \Lambda(1810) P_{01}$
- $\text{\textcolor{red}{PgLh}} \Rightarrow \Lambda(1820) F_{05}$
- $\text{\textcolor{red}{PgLi}} \Rightarrow \Lambda(1830) D_{05}$
- $\text{\textcolor{red}{PgLj}} \Rightarrow \Lambda(1890) P_{03}$
- $\text{\textcolor{red}{PgLk}} \Rightarrow \Lambda(2100) G_{07}$
- $\text{\textcolor{red}{PgLl}} \Rightarrow \Lambda(2110) F_{05}$
- $\text{\textcolor{red}{PgLm}} \Rightarrow \Lambda(2350) H_{09}$
- $\text{\textcolor{red}{PgO}} \Rightarrow \Omega$
- $\text{\textcolor{red}{PgOp}} \Rightarrow \Omega^\pm$
- $\text{\textcolor{red}{PgOmp}} \Rightarrow \Omega^\mp$
- $\text{\textcolor{red}{PgOp}} \Rightarrow \Omega^+$
- $\text{\textcolor{red}{PgOm}} \Rightarrow \Omega^-$
- $\text{\textcolor{red}{PgOma}} \Rightarrow \Omega(2250)^-$
- new
- $\text{\textcolor{red}{PagOp}} \Rightarrow \bar{\Omega}^+$

- $\text{\textcolor{red}{PgOm}} \Rightarrow \bar{\Omega}^-$
- $\text{\textcolor{red}{PgS}} \Rightarrow \Sigma$
- $\text{\textcolor{red}{PgSpm}} \Rightarrow \Sigma^\pm$
- $\text{\textcolor{red}{PgSmp}} \Rightarrow \Sigma^\mp$
- $\text{\textcolor{red}{PgSm}} \Rightarrow \Sigma^-$
- $\text{\textcolor{red}{PgSp}} \Rightarrow \Sigma^+$
- $\text{\textcolor{red}{PgSz}} \Rightarrow \Sigma^0$
- $\text{\textcolor{red}{PcgS}} \Rightarrow \Sigma_c$
- $\text{\textcolor{red}{PagSm}} \Rightarrow \bar{\Sigma}^-$
- $\text{\textcolor{red}{PagSp}} \Rightarrow \bar{\Sigma}^+$
- $\text{\textcolor{red}{PagSz}} \Rightarrow \bar{\Sigma}^0$
- $\text{\textcolor{red}{PacgS}} \Rightarrow \bar{\Sigma}_c$
- $\text{\textcolor{red}{PgSa}} \Rightarrow \Sigma(1385) P_{13}$
- $\text{\textcolor{red}{PgSb}} \Rightarrow \Sigma(1660) P_{11}$
- $\text{\textcolor{red}{PgSc}} \Rightarrow \Sigma(1670) D_{13}$
- $\text{\textcolor{red}{PgSd}} \Rightarrow \Sigma(1750) S_{11}$
- $\text{\textcolor{red}{PgSe}} \Rightarrow \Sigma(1775) D_{15}$
- $\text{\textcolor{red}{PgSf}} \Rightarrow \Sigma(1915) F_{15}$
- $\text{\textcolor{red}{PgSg}} \Rightarrow \Sigma(1940) D_{13}$
- $\text{\textcolor{red}{PgSh}} \Rightarrow \Sigma(2030) F_{17}$
- $\text{\textcolor{red}{PgSi}} \Rightarrow \Sigma(2050)$
- $\text{\textcolor{red}{PcgSi}} \Rightarrow \Sigma_c(2455)$
- $\text{\textcolor{red}{PgU}} \Rightarrow \Upsilon$
- $\text{\textcolor{red}{PgUi}} \Rightarrow \Upsilon(1S)$
- $\text{\textcolor{red}{PgUa}} \Rightarrow \Upsilon(2S)$
- $\text{\textcolor{red}{PgUb}} \Rightarrow \Upsilon(3S)$
- $\text{\textcolor{red}{PgUc}} \Rightarrow \Upsilon(4S)$
- $\text{\textcolor{red}{PgUd}} \Rightarrow \Upsilon(10860)$
- $\text{\textcolor{red}{PgUe}} \Rightarrow \Upsilon(11020)$
- $\text{\textcolor{red}{PgX}} \Rightarrow \Xi$
- $\text{\textcolor{red}{PgXp}} \Rightarrow \Xi^+$
- $\text{\textcolor{red}{PgXm}} \Rightarrow \Xi^-$
- $\text{\textcolor{red}{PgXz}} \Rightarrow \Xi^0$
- $\text{\textcolor{red}{PgXa}} \Rightarrow \Xi(1530) P_{13}$
- $\text{\textcolor{red}{PgXb}} \Rightarrow \Xi(1690)$
- $\text{\textcolor{red}{PgXc}} \Rightarrow \Xi(1820) D_{13}$
- $\text{\textcolor{red}{PgXd}} \Rightarrow \Xi(1950)$
- $\text{\textcolor{red}{PgXe}} \Rightarrow \Xi(2030)$
- $\text{\textcolor{red}{PagXp}} \Rightarrow \bar{\Xi}^+$
- $\text{\textcolor{red}{PagXm}} \Rightarrow \bar{\Xi}^-$
- $\text{\textcolor{red}{PagXz}} \Rightarrow \bar{\Xi}^0$
- $\text{\textcolor{red}{PcgXp}} \Rightarrow \Xi_c^+$
- $\text{\textcolor{red}{PcgXz}} \Rightarrow \Xi_c^0$
- $\text{\textcolor{red}{Pgf}} \Rightarrow \phi$
- $\text{\textcolor{red}{Pgfi}} \Rightarrow \phi(1020)$
- $\text{\textcolor{red}{Pgfa}} \Rightarrow \phi(1680)$
- $\text{\textcolor{red}{Pgfi}ii} \Rightarrow \phi_3(1850)$

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

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

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

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

4 Bold italic font

- $\backslash \text{hepnames} \Rightarrow \text{hepnames}$
- $\backslash \text{heppennames} \Rightarrow \text{heppennames}$
- $\backslash \text{PB} \Rightarrow B$
- $\backslash \text{PBpm} \Rightarrow B^\pm$
- $\backslash \text{PBmp} \Rightarrow B^\mp$
- $\backslash \text{PBp} \Rightarrow B^+$
- $\backslash \text{PBm} \Rightarrow B^-$
- $\backslash \text{PBz} \Rightarrow B^0$
- $\backslash \text{PBst} \Rightarrow B^*$
- $\backslash \text{PdB} \Rightarrow B_d^0$
- $\backslash \text{PuB} \Rightarrow B^+$
- $\backslash \text{PcB} \Rightarrow B_c^+$
- $\backslash \text{PsB} \Rightarrow B_s^0$
- $\backslash \text{PaB} \Rightarrow \bar{B}$
- $\backslash \text{PaBz} \Rightarrow \bar{B}^0$
- $\backslash \text{PadB} \Rightarrow \bar{B}_d^0$
- $\backslash \text{PauB} \Rightarrow B^-$
- $\backslash \text{PacB} \Rightarrow B_c^-$
- $\backslash \text{PasB} \Rightarrow \bar{B}_s^0$
- *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*
 $\backslash \text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash \text{PKeiii} \Rightarrow K_{e3}$
- $\backslash \text{PKgmi}ii \Rightarrow K_{\mu 3}$
- $\backslash \text{PKzei}ii \Rightarrow K_{e3}^0$
- $\backslash \text{PKzgmi}ii \Rightarrow K_{\mu 3}^0$
- $\backslash \text{PKia} \Rightarrow K_1(1400)$

- $\text{\textcolor{red}{PK}i\textcolor{red}{i}} \Rightarrow K_2(1770)$
- $\text{\textcolor{red}{PK}i} \Rightarrow K_1(1270)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i}} \Rightarrow K^*(892)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{a}} \Rightarrow K^*(1370)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{b}} \Rightarrow K^*(1680)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i\textcolor{red}{i\textcolor{red}{i}}}} \Rightarrow K_3^*(1780)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i\textcolor{red}{i}} \Rightarrow K_2^*(1430)}$
- $\text{\textcolor{red}{PK}st\textcolor{red}{i\textcolor{red}{v}}} \Rightarrow K_4^*(2045)$
- $\text{\textcolor{red}{PK}st\textcolor{red}{z}} \Rightarrow K_0^*(1430)$
- $\text{\textcolor{red}{PN}} \Rightarrow N$
- $\text{\textcolor{red}{PN}a} \Rightarrow N(1440) P_{11}$
- $\text{\textcolor{red}{PN}b} \Rightarrow N(1520) D_{13}$
- $\text{\textcolor{red}{PN}c} \Rightarrow N(1535) S_{11}$
- $\text{\textcolor{red}{PN}d} \Rightarrow N(1650) S_{11}$
- $\text{\textcolor{red}{PN}e} \Rightarrow N(1675) D_{15}$
- $\text{\textcolor{red}{PN}f} \Rightarrow N(1680) F_{15}$
- $\text{\textcolor{red}{PN}g} \Rightarrow N(1700) D_{13}$
- $\text{\textcolor{red}{PN}h} \Rightarrow N(1710) P_{11}$
- $\text{\textcolor{red}{PN}i} \Rightarrow N(1720) P_{13}$
- $\text{\textcolor{red}{PN}j} \Rightarrow N(2190) G_{17}$
- $\text{\textcolor{red}{PN}k} \Rightarrow N(2220) H_{19}$
- $\text{\textcolor{red}{PN}l} \Rightarrow N(2250) G_{19}$
- $\text{\textcolor{red}{PN}m} \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\text{\textcolor{red}{Pg}} \Rightarrow g$
- *photon*
 $\text{\textcolor{red}{P}gg} \Rightarrow \gamma$
- *photon**
 $\text{\textcolor{red}{P}ggx} \Rightarrow \gamma^*$
- *W boson*
 $\text{\textcolor{red}{PW}} \Rightarrow W$
- *charged W boson*
 $\text{\textcolor{red}{W}pm} \Rightarrow W^\pm$
- *charged W boson*
 $\text{\textcolor{red}{W}mp} \Rightarrow W^\mp$
- *W-plus*
 $\text{\textcolor{red}{W}p} \Rightarrow W^+$
- *W-minus*
 $\text{\textcolor{red}{W}m} \Rightarrow W^-$
- $\text{\textcolor{red}{WR}} \Rightarrow W_R$
- *W-prime boson*
 $\text{\textcolor{red}{W}pr} \Rightarrow W'$
- *Z boson*
 $\text{\textcolor{red}{Z}} \Rightarrow Z$
- *neutral Z boson*
 $\text{\textcolor{red}{Z}z} \Rightarrow Z^0$
- *Z-prime boson*
 $\text{\textcolor{red}{Z}pr} \Rightarrow Z'$
- *left-right Z boson*
 $\text{\textcolor{red}{Z}ZLR} \Rightarrow Z_{LR}$
- $\text{\textcolor{red}{Z}gc} \Rightarrow Z_\chi$

- $\text{\textcolor{red}{PZ}ge} \Rightarrow Z_\eta$
- $\text{\textcolor{red}{PZ}gy} \Rightarrow Z_\psi$
- $\text{\textcolor{red}{PZ}i} \Rightarrow Z_1$
- *axion*
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- *standard/heavy Higgs*
 $\text{\textcolor{red}{PH}} \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\text{\textcolor{red}{PHz}} \Rightarrow H^0$
- *light Higgs*
 $\text{\textcolor{red}{Ph}} \Rightarrow h$
- *explicitly neutral light Higgs*
 $\text{\textcolor{red}{Phz}} \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\text{\textcolor{red}{PA}} \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\text{\textcolor{red}{PAz}} \Rightarrow A^0$
- *charged Higgs*
 $\text{\textcolor{red}{PHpm}} \Rightarrow H^\pm$
- *charged Higgs*
 $\text{\textcolor{red}{PHmp}} \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\text{\textcolor{red}{PHp}} \Rightarrow H^+$
- *negative-charged Higgs*
 $\text{\textcolor{red}{PHm}} \Rightarrow H^-$
- *fermion*
 $\text{\textcolor{red}{Pf}} \Rightarrow f$
- *charged fermion*
 $\text{\textcolor{red}{Pfpm}} \Rightarrow f^\pm$
- *charged fermion*
 $\text{\textcolor{red}{Pfmp}} \Rightarrow f^\mp$
- *positive fermion*
 $\text{\textcolor{red}{Pfp}} \Rightarrow f^+$
- *negative fermion*
 $\text{\textcolor{red}{Pfm}} \Rightarrow f^-$
- *anti-fermion*
 $\text{\textcolor{red}{Paf}} \Rightarrow \bar{f}$
- *lepton*
 $\text{\textcolor{red}{Pl}} \Rightarrow \ell$
- *charged lepton*
 $\text{\textcolor{red}{Plpm}} \Rightarrow \ell^\pm$
- *charged lepton*
 $\text{\textcolor{red}{Plmp}} \Rightarrow \ell^\mp$
- *positive lepton*
 $\text{\textcolor{red}{Plp}} \Rightarrow \ell^+$
- *negative lepton*
 $\text{\textcolor{red}{Plm}} \Rightarrow \ell^-$
- *anti-lepton*
 $\text{\textcolor{red}{Pal}} \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\text{\textcolor{red}{Pgn}} \Rightarrow \nu$
- *neutrino (for lepton ell)*
 $\text{\textcolor{red}{Pgnl}} \Rightarrow \nu_\ell$

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

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

- $\text{\textcolor{red}{Pfia}} \Rightarrow f_1(1390)$
- $\text{\textcolor{red}{Pfib}} \Rightarrow f_1(1510)$
- $\text{\textcolor{red}{Pfiia}} \Rightarrow f_2(1720)$
- $\text{\textcolor{red}{Pfiib}} \Rightarrow f_2(2010)$
- $\text{\textcolor{red}{Pfiic}} \Rightarrow f_2(2300)$
- $\text{\textcolor{red}{Pfiid}} \Rightarrow f_2(2340)$
- $\text{\textcolor{red}{Pfiipr}} \Rightarrow f'_2(1525)$
- $\text{\textcolor{red}{Pfi}i} \Rightarrow f_2(1270)$
- $\text{\textcolor{red}{Pfi}v} \Rightarrow f_4(2050)$
- $\text{\textcolor{red}{Pfi}i} \Rightarrow f_1(1285)$
- $\text{\textcolor{red}{Pfza}} \Rightarrow f_0(1400)$
- $\text{\textcolor{red}{Pfzb}} \Rightarrow f_0(1590)$
- $\text{\textcolor{red}{Pfz}} \Rightarrow f_0(975)$
- $\text{\textcolor{red}{PgD}} \Rightarrow E^0$
- $\text{\textcolor{red}{PgDa}} \Rightarrow E^0(1232) P_{33}$
- $\text{\textcolor{red}{PgDb}} \Rightarrow E^0(1620) S_{31}$
- $\text{\textcolor{red}{PgDc}} \Rightarrow E^0(1700) D_{33}$
- $\text{\textcolor{red}{PgDd}} \Rightarrow E^0(1900) S_{31}$
- $\text{\textcolor{red}{PgDe}} \Rightarrow E^0(1905) F_{35}$
- $\text{\textcolor{red}{PgDf}} \Rightarrow E^0(1910) P_{31}$
- $\text{\textcolor{red}{PgDh}} \Rightarrow E^0(1920) P_{33}$
- $\text{\textcolor{red}{PgDi}} \Rightarrow E^0(1930) D_{35}$
- $\text{\textcolor{red}{PgDj}} \Rightarrow E^0(1950) F_{37}$
- $\text{\textcolor{red}{PgDk}} \Rightarrow E^0(2420) H_{3,11}$
- $\text{\textcolor{red}{PgL}} \Rightarrow \Lambda$
- $\text{\textcolor{red}{PagL}} \Rightarrow \bar{\Lambda}$
- $\text{\textcolor{red}{PcgLp}} \Rightarrow \Lambda_c^+$
- $\text{\textcolor{red}{PbgL}} \Rightarrow \Lambda_b$
- $\text{\textcolor{red}{PgLa}} \Rightarrow \Lambda(1405) S_{01}$
- $\text{\textcolor{red}{PgLb}} \Rightarrow \Lambda(1520) D_{03}$
- $\text{\textcolor{red}{PgLc}} \Rightarrow \Lambda(1600) P_{01}$
- $\text{\textcolor{red}{PgLd}} \Rightarrow \Lambda(1670) S_{01}$
- $\text{\textcolor{red}{PgLe}} \Rightarrow \Lambda(1690) D_{03}$
- $\text{\textcolor{red}{PgLf}} \Rightarrow \Lambda(1800) S_{01}$
- $\text{\textcolor{red}{PgLg}} \Rightarrow \Lambda(1810) P_{01}$
- $\text{\textcolor{red}{PgLh}} \Rightarrow \Lambda(1820) F_{05}$
- $\text{\textcolor{red}{PgLi}} \Rightarrow \Lambda(1830) D_{05}$
- $\text{\textcolor{red}{PgLj}} \Rightarrow \Lambda(1890) P_{03}$
- $\text{\textcolor{red}{PgLk}} \Rightarrow \Lambda(2100) G_{07}$
- $\text{\textcolor{red}{PgLl}} \Rightarrow \Lambda(2110) F_{05}$
- $\text{\textcolor{red}{PgLm}} \Rightarrow \Lambda(2350) H_{09}$
- $\text{\textcolor{red}{PgO}} \Rightarrow \Omega$
- $\text{\textcolor{red}{PgOp}} \Rightarrow \Omega^\pm$
- $\text{\textcolor{red}{PgOmp}} \Rightarrow \Omega^\mp$
- $\text{\textcolor{red}{PgOp}} \Rightarrow \Omega^+$
- $\text{\textcolor{red}{PgOm}} \Rightarrow \Omega^-$
- $\text{\textcolor{red}{PgOma}} \Rightarrow \Omega(2250)^-$

- *new*
- $\text{\textcolor{red}{\textit{PagOp}}} \Rightarrow \bar{\Omega}^+$
- $\text{\textcolor{red}{\textit{PagOm}}} \Rightarrow \bar{\Omega}^-$
- $\text{\textcolor{red}{\textit{PgS}}} \Rightarrow \Sigma$
- $\text{\textcolor{red}{\textit{PgSpm}}} \Rightarrow \Sigma^\pm$
- $\text{\textcolor{red}{\textit{PgSmp}}} \Rightarrow \Sigma^\mp$
- $\text{\textcolor{red}{\textit{PgSm}}} \Rightarrow \Sigma^-$
- $\text{\textcolor{red}{\textit{PgSp}}} \Rightarrow \Sigma^+$
- $\text{\textcolor{red}{\textit{PgSz}}} \Rightarrow \Sigma^0$
- $\text{\textcolor{red}{\textit{PcgS}}} \Rightarrow \Sigma_c$
- $\text{\textcolor{red}{\textit{PagSm}}} \Rightarrow \bar{\Sigma}^-$
- $\text{\textcolor{red}{\textit{PagSp}}} \Rightarrow \bar{\Sigma}^+$
- $\text{\textcolor{red}{\textit{PagSz}}} \Rightarrow \bar{\Sigma}^0$
- $\text{\textcolor{red}{\textit{PacgS}}} \Rightarrow \bar{\Sigma}_c$
- $\text{\textcolor{red}{\textit{PgSa}}} \Rightarrow \Sigma(1385) P_{13}$
- $\text{\textcolor{red}{\textit{PgSb}}} \Rightarrow \Sigma(1660) P_{11}$
- $\text{\textcolor{red}{\textit{PgSc}}} \Rightarrow \Sigma(1670) D_{13}$
- $\text{\textcolor{red}{\textit{PgSd}}} \Rightarrow \Sigma(1750) S_{11}$
- $\text{\textcolor{red}{\textit{PgSe}}} \Rightarrow \Sigma(1775) D_{15}$
- $\text{\textcolor{red}{\textit{PgSf}}} \Rightarrow \Sigma(1915) F_{15}$
- $\text{\textcolor{red}{\textit{PgSg}}} \Rightarrow \Sigma(1940) D_{13}$
- $\text{\textcolor{red}{\textit{PgSh}}} \Rightarrow \Sigma(2030) F_{17}$
- $\text{\textcolor{red}{\textit{PgSi}}} \Rightarrow \Sigma(2050)$
- $\text{\textcolor{red}{\textit{PcgSi}}} \Rightarrow \Sigma_c(2455)$
- $\text{\textcolor{red}{\textit{PgU}}} \Rightarrow \Upsilon$
- $\text{\textcolor{red}{\textit{PgUi}}} \Rightarrow \Upsilon(1S)$
- $\text{\textcolor{red}{\textit{PgUa}}} \Rightarrow \Upsilon(2S)$
- $\text{\textcolor{red}{\textit{PgUb}}} \Rightarrow \Upsilon(3S)$
- $\text{\textcolor{red}{\textit{PgUc}}} \Rightarrow \Upsilon(4S)$
- $\text{\textcolor{red}{\textit{PgUd}}} \Rightarrow \Upsilon(10860)$
- $\text{\textcolor{red}{\textit{PgUe}}} \Rightarrow \Upsilon(11020)$
- $\text{\textcolor{red}{\textit{PgX}}} \Rightarrow \Xi$
- $\text{\textcolor{red}{\textit{PgXp}}} \Rightarrow \Xi^+$
- $\text{\textcolor{red}{\textit{PgXm}}} \Rightarrow \Xi^-$
- $\text{\textcolor{red}{\textit{PgXz}}} \Rightarrow \Xi^0$
- $\text{\textcolor{red}{\textit{PgXa}}} \Rightarrow \Xi(1530) P_{13}$
- $\text{\textcolor{red}{\textit{PgXb}}} \Rightarrow \Xi(1690)$
- $\text{\textcolor{red}{\textit{PgXc}}} \Rightarrow \Xi(1820) D_{13}$
- $\text{\textcolor{red}{\textit{PgXd}}} \Rightarrow \Xi(1950)$
- $\text{\textcolor{red}{\textit{PgXe}}} \Rightarrow \Xi(2030)$
- $\text{\textcolor{red}{\textit{PagXp}}} \Rightarrow \bar{\Xi}^+$
- $\text{\textcolor{red}{\textit{PagXm}}} \Rightarrow \bar{\Xi}^-$
- $\text{\textcolor{red}{\textit{PagXz}}} \Rightarrow \bar{\Xi}^0$
- $\text{\textcolor{red}{\textit{PcgXp}}} \Rightarrow \Xi_c^+$
- $\text{\textcolor{red}{\textit{PcgXz}}} \Rightarrow \Xi_c^0$
- $\text{\textcolor{red}{\textit{Pgf}}} \Rightarrow \phi$
- $\text{\textcolor{red}{\textit{Pgfi}}} \Rightarrow \phi(1020)$

- $\text{\textcolor{red}{Pgfa}} \Rightarrow \phi(1680)$
- $\text{\textcolor{red}{Pgfi\,ii}} \Rightarrow \phi_3(1850)$
- $\text{\textcolor{red}{Pgh}} \Rightarrow \eta$
- $\text{\textcolor{red}{Pghpr}} \Rightarrow \eta'$
- $\text{\textcolor{red}{Pcgh}} \Rightarrow \eta_c$
- $\text{\textcolor{red}{Pgha}} \Rightarrow \eta(1295)$
- $\text{\textcolor{red}{Pghb}} \Rightarrow \eta(1440)$
- $\text{\textcolor{red}{Pghpri}} \Rightarrow \eta'(958)$
- $\text{\textcolor{red}{Pcghi}} \Rightarrow \eta_c(1S)$
- $\text{\textcolor{red}{Pgo}} \Rightarrow \omega$
- $\text{\textcolor{red}{Pgoi}} \Rightarrow \omega(783)$
- $\text{\textcolor{red}{Pgoa}} \Rightarrow \omega(1390)$
- $\text{\textcolor{red}{Pgob}} \Rightarrow \omega(1600)$
- $\text{\textcolor{red}{Pgoiii}} \Rightarrow \omega(3)^{1670}$
- *pion*
 $\text{\textcolor{red}{Pgp}} \Rightarrow \pi$
- *charged pion*
 $\text{\textcolor{red}{Pgp\,pm}} \Rightarrow \pi^\pm$
- *charged pion*
 $\text{\textcolor{red}{Pgp\,mp}} \Rightarrow \pi^\mp$
- *negative pion*
 $\text{\textcolor{red}{Pgp\,m}} \Rightarrow \pi^-$
- *positive pion*
 $\text{\textcolor{red}{Pgp\,p}} \Rightarrow \pi^+$
- *neutral pion*
 $\text{\textcolor{red}{Pgp\,z}} \Rightarrow \pi^0$
- $\text{\textcolor{red}{Pgpa}} \Rightarrow \pi(1300)$
- $\text{\textcolor{red}{Pgpi\,i}} \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\text{\textcolor{red}{Pgr}} \Rightarrow \rho$
- $\text{\textcolor{red}{Pgrp}} \Rightarrow \rho^+$
- $\text{\textcolor{red}{Pgrm}} \Rightarrow \rho^-$
- $\text{\textcolor{red}{Pgrpm}} \Rightarrow \rho^\pm$
- $\text{\textcolor{red}{Pgrmp}} \Rightarrow \rho^\mp$
- $\text{\textcolor{red}{Pgrz}} \Rightarrow \rho^0$
- *new*
 $\text{\textcolor{red}{Pgri}} \Rightarrow \rho(770)$
- $\text{\textcolor{red}{Pgra}} \Rightarrow \rho(1450)$
- $\text{\textcolor{red}{Pgrb}} \Rightarrow \rho(1700)$
- $\text{\textcolor{red}{Pgr\,ii\,i}} \Rightarrow \rho_3(1690)$
- $\text{\textcolor{red}{PJgy}} \Rightarrow J/\psi$
- $\text{\textcolor{red}{PJgy\,i}} \Rightarrow J/\psi(1S)$
- $\text{\textcolor{red}{Pgy}} \Rightarrow \psi$
- $\text{\textcolor{red}{Pgy\,ii}} \Rightarrow \psi(2S)$
- $\text{\textcolor{red}{Pgya}} \Rightarrow \psi(3770)$
- $\text{\textcolor{red}{Pgyb}} \Rightarrow \psi(4040)$
- $\text{\textcolor{red}{Pgyc}} \Rightarrow \psi(4160)$
- $\text{\textcolor{red}{Pgyd}} \Rightarrow \psi(4415)$
- $\text{\textcolor{red}{PD}} \Rightarrow D$

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

- *neutral Higgsino*
 $\text{\color{red}\texttt{\$PSHz}} \Rightarrow \widetilde{H}^0$
- *wino*
 $\text{\color{red}\texttt{\$PSW}} \Rightarrow \widetilde{W}$
- *positive wino*
 $\text{\color{red}\texttt{\$PSWp}} \Rightarrow \widetilde{W}^+$
- *negative wino*
 $\text{\color{red}\texttt{\$PSWm}} \Rightarrow \widetilde{W}^-$
- *wino pm*
 $\text{\color{red}\texttt{\$PSWpm}} \Rightarrow \widetilde{W}^\pm$
- *wino mp*
 $\text{\color{red}\texttt{\$PSWmp}} \Rightarrow \widetilde{W}^\mp$
- *zino*
 $\text{\color{red}\texttt{\$PSZ}} \Rightarrow \widetilde{Z}$
- *zino*
 $\text{\color{red}\texttt{\$PSZz}} \Rightarrow \widetilde{Z}^0$
- *bino*
 $\text{\color{red}\texttt{\$PSB}} \Rightarrow \widetilde{B}$
- *selectron*
 $\text{\color{red}\texttt{\$PSe}} \Rightarrow \widetilde{e}$
- *photino*
 $\text{\color{red}\texttt{\$PSgg}} \Rightarrow \widetilde{\gamma}$
- *smuon*
 $\text{\color{red}\texttt{\$PSgm}} \Rightarrow \widetilde{\mu}$
- *sneutrino*
 $\text{\color{red}\texttt{\$PSgn}} \Rightarrow \widetilde{\nu}$
- *stau*
 $\text{\color{red}\texttt{\$PSgt}} \Rightarrow \widetilde{\tau}$
- *chargino/neutralino*
 $\text{\color{red}\texttt{\$PSgx}} \Rightarrow \widetilde{\chi}$
- *chargino pm*
 $\text{\color{red}\texttt{\$PSgxpath}} \Rightarrow \widetilde{\chi}^\pm$
- *chargino mp*
 $\text{\color{red}\texttt{\$PSgxmp}} \Rightarrow \widetilde{\chi}^\mp$
- *neutralino*
 $\text{\color{red}\texttt{\$PSgxxz}} \Rightarrow \widetilde{\chi}^0$
- *lightest neutralino*
 $\text{\color{red}\texttt{\$PSgxxzi}} \Rightarrow \widetilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\text{\color{red}\texttt{\$PSgxxzi}} \Rightarrow \widetilde{\chi}_2^0$
- *gluino*
 $\text{\color{red}\texttt{\$PSg}} \Rightarrow \widetilde{g}$
- *slepton (generic)*
 $\text{\color{red}\texttt{\$PSl}} \Rightarrow \widetilde{\ell}$
- *anti-slepton (generic)*
 $\text{\color{red}\texttt{\$PaSl}} \Rightarrow \bar{\widetilde{\ell}}$
- *squark (generic)*
 $\text{\color{red}\texttt{\$PSq}} \Rightarrow \widetilde{q}$
- *anti-squark (generic)*
 $\text{\color{red}\texttt{\$PaSq}} \Rightarrow \bar{\widetilde{q}}$
- *down squark*
 $\text{\color{red}\texttt{\$PSqd}} \Rightarrow \widetilde{d}$
- *up squark*
 $\text{\color{red}\texttt{\$PSqu}} \Rightarrow \widetilde{u}$
- *strange squark*
 $\text{\color{red}\texttt{\$PSqs}} \Rightarrow \widetilde{s}$

- *charm squark* $\text{\textcolor{red}{\textbackslash PSq}c} \Rightarrow \tilde{c}$
- *bottom squark (sbottom)* $\text{\textcolor{red}{\textbackslash PSq}b} \Rightarrow \tilde{b}$
- *top squark (stop)* $\text{\textcolor{red}{\textbackslash PSq}t} \Rightarrow \tilde{t}$
- *anti-down squark* $\text{\textcolor{red}{\textbackslash PaS}qd} \Rightarrow \tilde{\bar{d}}$
- *anti-up squark*
- *anti-strange squark* $\text{\textcolor{red}{\textbackslash PaS}qs} \Rightarrow \tilde{s}$
- *anti-charm squark* $\text{\textcolor{red}{\textbackslash PaS}qc} \Rightarrow \tilde{c}$
- *anti-bottom squark* $\text{\textcolor{red}{\textbackslash PaS}qb} \Rightarrow \tilde{\bar{b}}$
- *anti-top squark (stop)* $\text{\textcolor{red}{\textbackslash PaS}qt} \Rightarrow \tilde{\bar{t}}$