

# Testing heppennames

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## 1 Normal font

- $\backslash\text{PB} \Rightarrow \text{B}$
- $\backslash\text{PBpm} \Rightarrow \text{B}^\pm$
- $\backslash\text{PBmp} \Rightarrow \text{B}^\mp$
- $\backslash\text{PBp} \Rightarrow \text{B}^+$
- $\backslash\text{PBm} \Rightarrow \text{B}^-$
- $\backslash\text{PBz} \Rightarrow \text{B}^0$
- $\backslash\text{PBst} \Rightarrow \text{B}^*$
- $\backslash\text{PdB} \Rightarrow \text{B}_\text{d}^0$
- $\backslash\text{PuB} \Rightarrow \text{B}^+$
- $\backslash\text{PcB} \Rightarrow \text{B}_\text{c}^+$
- $\backslash\text{PsB} \Rightarrow \text{B}_\text{s}^0$
- $\backslash\text{PaB} \Rightarrow \overline{\text{B}}$
- $\backslash\text{PaBz} \Rightarrow \overline{\text{B}}^0$
- $\backslash\text{PadB} \Rightarrow \overline{\text{B}}_\text{d}^0$
- $\backslash\text{PauB} \Rightarrow \text{B}^-$
- $\backslash\text{PacB} \Rightarrow \text{B}_\text{c}^-$
- $\backslash\text{PasB} \Rightarrow \overline{\text{B}}_\text{s}^0$
- kaon  
 $\backslash\text{PK} \Rightarrow \text{K}$
- charged kaon  
 $\backslash\text{PKpm} \Rightarrow \text{K}^\pm$
- charged kaon  
 $\backslash\text{PKmp} \Rightarrow \text{K}^\mp$
- negative kaon  
 $\backslash\text{PKm} \Rightarrow \text{K}^-$
- positive kaon  
 $\backslash\text{PKp} \Rightarrow \text{K}^+$
- neutral kaon  
 $\backslash\text{PKz} \Rightarrow \text{K}^0$
- K-long  
 $\backslash\text{PKzL} \Rightarrow \text{K}_\text{L}^0$
- K-short  
 $\backslash\text{PKzS} \Rightarrow \text{K}_\text{S}^0$

- K star  
 $\backslash\text{PKst} \Rightarrow K^*$
- anti-kaon  
 $\backslash\text{PaK} \Rightarrow \bar{K}$
- neutral anti-kaon  
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow K_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow K_{\mu 3}^0$
- $\backslash\text{PKia} \Rightarrow K_1(1400)$
- $\backslash\text{PKii} \Rightarrow K_2(1770)$
- $\backslash\text{PKi} \Rightarrow K_1(1270)$
- $\backslash\text{PKsti} \Rightarrow K^*(892)$
- $\backslash\text{PKsta} \Rightarrow K^*(1370)$
- $\backslash\text{PKstb} \Rightarrow K^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow K_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow K_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow K_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow K_0^*(1430)$
- $\backslash\text{PN} \Rightarrow N$
- $\backslash\text{PNa} \Rightarrow N(1440) P_{11}$
- $\backslash\text{PNb} \Rightarrow N(1520) D_{13}$
- $\backslash\text{PNc} \Rightarrow N(1535) S_{11}$
- $\backslash\text{PNd} \Rightarrow N(1650) S_{11}$
- $\backslash\text{PNe} \Rightarrow N(1675) D_{15}$
- $\backslash\text{PNf} \Rightarrow N(1680) F_{15}$
- $\backslash\text{PNg} \Rightarrow N(1700) D_{13}$
- $\backslash\text{PNh} \Rightarrow N(1710) P_{11}$
- $\backslash\text{PNI} \Rightarrow N(1720) P_{13}$
- $\backslash\text{PNj} \Rightarrow N(2190) G_{17}$
- $\backslash\text{PNk} \Rightarrow N(2220) H_{19}$
- $\backslash\text{PNl} \Rightarrow N(2250) G_{19}$
- $\backslash\text{PNm} \Rightarrow N(2600) I_{1,11}$
- gluon  
 $\backslash\text{Pg} \Rightarrow g$
- photon  
 $\backslash\text{Pgg} \Rightarrow \gamma$
- photon\*  
 $\backslash\text{Pggx} \Rightarrow \gamma^*$
- 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  
 $\backslash\text{PHm} \Rightarrow H^-$
- fermion  
 $\backslash\text{Pf} \Rightarrow f$
- charged fermion  
 $\backslash\text{Pfpm} \Rightarrow f^\pm$
- charged fermion  
 $\backslash\text{Pfmp} \Rightarrow f^\mp$
- positive fermion  
 $\backslash\text{Pfp} \Rightarrow f^+$
- negative fermion  
 $\backslash\text{Pfm} \Rightarrow f^-$
- anti-fermion  
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- 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  
 $\backslash\text{Pagngm} \Rightarrow \bar{\nu}_\mu$

- tau anti-neutrino

$$\backslash\text{Pagngt} \Rightarrow \bar{\nu}_\tau$$

- 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  
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL a} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL b} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL c} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL d} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL e} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL f} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL g} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL h} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL i} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL j} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL k} \Rightarrow \Lambda(2100) G_{07}$

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

- $\backslash\text{PgXd} \Rightarrow \Xi(1950)$
- $\backslash\text{PgXe} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \Xi^+$
- $\backslash\text{PagXm} \Rightarrow \Xi^-$
- $\backslash\text{PagXz} \Rightarrow \Xi^0$
- $\backslash\text{PcgXp} \Rightarrow \Xi_c^+$
- $\backslash\text{PcgXz} \Rightarrow \Xi_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfihi} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion
- $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion
- $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion
- $\backslash\text{Pgppp} \Rightarrow \pi^\mp$
- negative pion
- $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion
- $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion
- $\backslash\text{Pgpsz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpii} \Rightarrow \pi_2(1670)$
- 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
- $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$



- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$
- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$
- $\backslash\text{PD} \Rightarrow D$
- $\backslash\text{PDpm} \Rightarrow D^\pm$
- $\backslash\text{PDmp} \Rightarrow D^\mp$
- $\backslash\text{PDz} \Rightarrow D^0$
- $\backslash\text{PDm} \Rightarrow D^-$
- $\backslash\text{PDp} \Rightarrow D^+$
- $\backslash\text{PDst} \Rightarrow D^*$
- $\backslash\text{PaD} \Rightarrow \bar{D}$
- $\backslash\text{PaDz} \Rightarrow \bar{D}^0$
- 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  
 $\backslash\text{PSW} \Rightarrow \tilde{W}$
- positive wino  
 $\backslash\text{PSWp} \Rightarrow \tilde{W}^+$
- negative wino  
 $\backslash\text{PSWm} \Rightarrow \tilde{W}^-$
- wino pm  
 $\backslash\text{PSWpm} \Rightarrow \tilde{W}^\pm$
- wino mp  
 $\backslash\text{PSWmp} \Rightarrow \tilde{W}^\mp$
- zino  
 $\backslash\text{PSZ} \Rightarrow \tilde{Z}$
- zino  
 $\backslash\text{PSZz} \Rightarrow \tilde{Z}^0$
- bino  
 $\backslash\text{PSB} \Rightarrow \tilde{B}$
- selectron  
 $\backslash\text{PSe} \Rightarrow \tilde{e}$
- photino  
 $\backslash\text{PSgg} \Rightarrow \tilde{\gamma}$
- smuon  
 $\backslash\text{PSgm} \Rightarrow \tilde{\mu}$
- sneutrino  
 $\backslash\text{PSgn} \Rightarrow \tilde{\nu}$
- stau  
 $\backslash\text{PSgt} \Rightarrow \tilde{\tau}$
- chargino/neutralino  
 $\backslash\text{PSgx} \Rightarrow \tilde{\chi}$
- chargino pm  
 $\backslash\text{PSgxpm} \Rightarrow \tilde{\chi}^\pm$
- chargino mp  
 $\backslash\text{PSgxmp} \Rightarrow \tilde{\chi}^\mp$
- neutralino  
 $\backslash\text{PSgxz} \Rightarrow \tilde{\chi}^0$
- lightest neutralino  
 $\backslash\text{PSgxzi} \Rightarrow \tilde{\chi}_1^0$
- next-to-lightest neutralino  
 $\backslash\text{PSgxzii} \Rightarrow \tilde{\chi}_2^0$
- gluino  
 $\backslash\text{PSg} \Rightarrow \tilde{g}$
- slepton (generic)  
 $\backslash\text{PSl} \Rightarrow \tilde{\ell}$
- anti-slepton (generic)  
 $\backslash\text{PaSl} \Rightarrow \tilde{\ell}$

- squark (generic)

$$\backslash\text{PSq} \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslash\text{PaSq} \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslash\text{PSqd} \Rightarrow \tilde{d}$$

- up squark

$$\backslash\text{PSqu} \Rightarrow \tilde{u}$$

- strange squark

$$\backslash\text{PSqs} \Rightarrow \tilde{s}$$

- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- 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

- $\backslash\text{PB} \Rightarrow \text{B}$
- $\backslash\text{PBpm} \Rightarrow \text{B}^\pm$
- $\backslash\text{PBmp} \Rightarrow \text{B}^\mp$
- $\backslash\text{PBp} \Rightarrow \text{B}^+$
- $\backslash\text{PBm} \Rightarrow \text{B}^-$
- $\backslash\text{PBz} \Rightarrow \text{B}^0$
- $\backslash\text{PBst} \Rightarrow \text{B}^*$
- $\backslash\text{PdB} \Rightarrow \text{B}_d^0$
- $\backslash\text{PuB} \Rightarrow \text{B}^+$
- $\backslash\text{PcB} \Rightarrow \text{B}_c^+$
- $\backslash\text{PsB} \Rightarrow \text{B}_s^0$
- $\backslash\text{PaB} \Rightarrow \overline{\text{B}}$
- $\backslash\text{PaBz} \Rightarrow \overline{\text{B}}^0$
- $\backslash\text{PadB} \Rightarrow \overline{\text{B}}_d^0$
- $\backslash\text{PauB} \Rightarrow \text{B}^-$
- $\backslash\text{PacB} \Rightarrow \text{B}_c^-$
- $\backslash\text{PasB} \Rightarrow \overline{\text{B}}_s^0$
- kaon  
 $\backslash\text{PK} \Rightarrow \text{K}$
- charged kaon  
 $\backslash\text{PKmp} \Rightarrow \text{K}^\mp$
- negative kaon  
 $\backslash\text{PKm} \Rightarrow \text{K}^-$
- positive kaon  
 $\backslash\text{PKp} \Rightarrow \text{K}^+$
- neutral kaon  
 $\backslash\text{PKz} \Rightarrow \text{K}^0$
- K-long  
 $\backslash\text{PKzL} \Rightarrow \text{K}_L^0$
- K-short  
 $\backslash\text{PKzS} \Rightarrow \text{K}_S^0$
- K star  
 $\backslash\text{PKst} \Rightarrow \text{K}^*$
- anti-kaon  
 $\backslash\text{PaK} \Rightarrow \overline{\text{K}}$
- neutral anti-kaon  
 $\backslash\text{PaKz} \Rightarrow \overline{\text{K}}^0$
- $\backslash\text{PKeiii} \Rightarrow \text{K}_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow \text{K}_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow \text{K}_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow \text{K}_{\mu 3}^0$
- $\backslash\text{PKia} \Rightarrow \text{K}_1(1400)$
- $\backslash\text{PKii} \Rightarrow \text{K}_2(1770)$

- $\backslash\text{PKi} \Rightarrow K_1(1270)$
- $\backslash\text{PKsti} \Rightarrow K^*(892)$
- $\backslash\text{PKsta} \Rightarrow K^*(1370)$
- $\backslash\text{PKstb} \Rightarrow K^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow K_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow K_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow K_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow K_0^*(1430)$
- $\backslash\text{PN} \Rightarrow N$
- $\backslash\text{PNa} \Rightarrow N(1440) P_{11}$
- $\backslash\text{PNb} \Rightarrow N(1520) D_{13}$
- $\backslash\text{PNc} \Rightarrow N(1535) S_{11}$
- $\backslash\text{PNd} \Rightarrow N(1650) S_{11}$
- $\backslash\text{PNe} \Rightarrow N(1675) D_{15}$
- $\backslash\text{PNf} \Rightarrow N(1680) F_{15}$
- $\backslash\text{PNg} \Rightarrow N(1700) D_{13}$
- $\backslash\text{PNh} \Rightarrow N(1710) P_{11}$
- $\backslash\text{PNI} \Rightarrow N(1720) P_{13}$
- $\backslash\text{PNj} \Rightarrow N(2190) G_{17}$
- $\backslash\text{PNk} \Rightarrow N(2220) H_{19}$
- $\backslash\text{PNl} \Rightarrow N(2250) G_{19}$
- $\backslash\text{PNm} \Rightarrow N(2600) I_{1,11}$

- gluon  
 $\backslash\text{Pg} \Rightarrow g$
- photon  
 $\backslash\text{Pgg} \Rightarrow \gamma$
- photon\*  
 $\backslash\text{Pggx} \Rightarrow \gamma^*$
- 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  
 $\backslash\text{PHm} \Rightarrow H^-$
- fermion  
 $\backslash\text{Pf} \Rightarrow f$
- charged fermion  
 $\backslash\text{Pfpm} \Rightarrow f^\pm$
- charged fermion  
 $\backslash\text{Pfmp} \Rightarrow f^\mp$
- positive fermion  
 $\backslash\text{Pfp} \Rightarrow f^+$
- negative fermion  
 $\backslash\text{Pfm} \Rightarrow f^-$
- anti-fermion  
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- 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  
 $\backslash\text{Pgmmmp} \Rightarrow \mu^\mp$
- 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  
 $\backslash\text{Pagngm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino  
 $\backslash\text{Pagngt} \Rightarrow \bar{\nu}_\tau$
- 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  
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$



- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL a} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL b} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL c} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL d} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL e} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL f} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL g} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL h} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL i} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL j} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL k} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgL l} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgL m} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$

- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$
- new
- $\backslash\text{PagO} \Rightarrow \bar{\Omega}$
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{PgSz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{PgSa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{PgSb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgSc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{PgSd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{PgSf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgSg} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgSh} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{PgSi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{PgU} \Rightarrow \Upsilon$
- $\backslash\text{PgUi} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PgUa} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PgUb} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PgUc} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PgUd} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PgUe} \Rightarrow \Upsilon(11020)$
- $\backslash\text{PgX} \Rightarrow \Xi$
- $\backslash\text{PgXp} \Rightarrow \Xi^+$
- $\backslash\text{PgXm} \Rightarrow \Xi^-$
- $\backslash\text{PgXz} \Rightarrow \Xi^0$
- $\backslash\text{PgXa} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgXb} \Rightarrow \Xi(1690)$
- $\backslash\text{PgXc} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgXd} \Rightarrow \Xi(1950)$
- $\backslash\text{PgXe} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \bar{\Xi}^+$
- $\backslash\text{PagXm} \Rightarrow \bar{\Xi}^-$
- $\backslash\text{PagXz} \Rightarrow \bar{\Xi}^0$
- $\backslash\text{PcgXp} \Rightarrow \Xi_c^+$
- $\backslash\text{PcgXz} \Rightarrow \Xi_c^0$

- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfihi} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion  
 $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion  
 $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion  
 $\backslash\text{Pgmp} \Rightarrow \pi^\mp$
- negative pion  
 $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion  
 $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion  
 $\backslash\text{Pgpsz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpii} \Rightarrow \pi_2(1670)$
- 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  
 $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$

- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$
- $\backslash\text{PD} \Rightarrow D$
- $\backslash\text{PDpm} \Rightarrow D^\pm$
- $\backslash\text{PDmp} \Rightarrow D^\mp$
- $\backslash\text{PDz} \Rightarrow D^0$
- $\backslash\text{PDm} \Rightarrow D^-$
- $\backslash\text{PDp} \Rightarrow D^+$
- $\backslash\text{PDst} \Rightarrow D^*$
- $\backslash\text{PaD} \Rightarrow \bar{D}$
- $\backslash\text{PaDz} \Rightarrow \bar{D}^0$
- 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

$$\backslash\text{PSHmp} \Rightarrow \widetilde{H}^{\mp}$$

- neutral Higgsino

$$\backslash\text{PSHz} \Rightarrow \widetilde{H}^0$$

- wino

$$\backslash\text{PSW} \Rightarrow \widetilde{W}$$

- positive wino

$$\backslash\text{PSWp} \Rightarrow \widetilde{W}^+$$

- negative wino

$$\backslash\text{PSWm} \Rightarrow \widetilde{W}^-$$

- wino pm

$$\backslash\text{PSWpm} \Rightarrow \widetilde{W}^{\pm}$$

- wino mp

$$\backslash\text{PSWmp} \Rightarrow \widetilde{W}^{\mp}$$

- zino

$$\backslash\text{PSZ} \Rightarrow \widetilde{Z}$$

- zino

$$\backslash\text{PSZz} \Rightarrow \widetilde{Z}^0$$

- bino

$$\backslash\text{PSB} \Rightarrow \widetilde{B}$$

- selectron

$$\backslash\text{PSe} \Rightarrow \widetilde{e}$$

- photino

$$\backslash\text{PSgg} \Rightarrow \widetilde{\gamma}$$

- smuon

$$\backslash\text{PSgm} \Rightarrow \widetilde{\mu}$$

- sneutrino

$$\backslash\text{PSgn} \Rightarrow \widetilde{\nu}$$

- stau

$$\backslash\text{PSgt} \Rightarrow \widetilde{\tau}$$

- chargino/neutralino

$$\backslash\text{PSgx} \Rightarrow \widetilde{\chi}$$

- chargino pm

$$\backslash\text{PSgxpm} \Rightarrow \widetilde{\chi}^{\pm}$$

- chargino mp

$$\backslash\text{PSgxmp} \Rightarrow \widetilde{\chi}^{\mp}$$

- neutralino

$$\backslash\text{PSgxz} \Rightarrow \widetilde{\chi}^0$$

- lightest neutralino

$$\backslash\text{PSgxzi} \Rightarrow \widetilde{\chi}_1^0$$

- next-to-lightest neutralino

$$\backslash\text{PSgxzii} \Rightarrow \widetilde{\chi}_2^0$$

- gluino

$$\backslash\text{PSg} \Rightarrow \widetilde{g}$$

- slepton (generic)

$$\backslash\text{PSl} \Rightarrow \widetilde{\ell}$$

- anti-slepton (generic)

$$\backslash\text{PaSl} \Rightarrow \widetilde{\bar{\ell}}$$

- squark (generic)

$$\backslash\text{PSq} \Rightarrow \widetilde{q}$$

- anti-squark (generic)

$$\backslash\text{PaSq} \Rightarrow \widetilde{\bar{q}}$$

- down squark

$$\backslash\text{PSqd} \Rightarrow \widetilde{d}$$

- up squark

$$\backslash\text{PSqu} \Rightarrow \widetilde{u}$$

- 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

$\backslash PaSqb \Rightarrow \tilde{\bar{b}}$

- anti-top squark (stop)

$\backslash PaSqt \Rightarrow \tilde{\bar{t}}$

### 3 Italic font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \overline{B}$
- $\backslash PaBz \Rightarrow \overline{B}^0$
- $\backslash PadB \Rightarrow \overline{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \overline{B}_s^0$
- *kaon*  
 $\backslash PK \Rightarrow K$
- *charged kaon*  
 $\backslash PKpm \Rightarrow K^\pm$
- *charged kaon*  
 $\backslash PKmp \Rightarrow K^\mp$
- *negative kaon*  
 $\backslash PKm \Rightarrow K^-$
- *positive kaon*  
 $\backslash PKp \Rightarrow K^+$
- *neutral kaon*  
 $\backslash PKz \Rightarrow K^0$
- *K-long*  
 $\backslash PKzL \Rightarrow K_L^0$
- *K-short*  
 $\backslash PKzS \Rightarrow K_S^0$
- *K star*  
 $\backslash PKst \Rightarrow K^*$
- *anti-kaon*  
 $\backslash PaK \Rightarrow \overline{K}$
- *neutral anti-kaon*  
 $\backslash PaKz \Rightarrow \overline{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu 3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu 3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*  
 $\backslash Pg \Rightarrow g$
- *photon*  
 $\backslash Pgg \Rightarrow \gamma$
- *photon\**  
 $\backslash Pggx \Rightarrow \gamma^*$
- *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*  
 $\backslash PHm \Rightarrow H^-$
- *fermion*  
 $\backslash Pf \Rightarrow f$
- *charged fermion*  
 $\backslash Pfpm \Rightarrow f^\pm$
- *charged fermion*  
 $\backslash Pfmp \Rightarrow f^\mp$
- *positive fermion*  
 $\backslash Pfp \Rightarrow f^+$
- *negative fermion*  
 $\backslash Pfm \Rightarrow f^-$
- *anti-fermion*  
 $\backslash Paf \Rightarrow \bar{f}$
- *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*  
 $\backslash Pgmpm \Rightarrow \mu^\pm$
- *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*  
 $\backslash Pgtm \Rightarrow \tau^-$
- *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*  
 $\backslash Pqd \Rightarrow d$
- *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*  
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f_2'(1525)$
- $\backslash Pfii \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$

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

- $\backslash Pgf i \Rightarrow \phi(1020)$
- $\backslash Pgf a \Rightarrow \phi(1680)$
- $\backslash Pgf i i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgo i \Rightarrow \omega(783)$
- $\backslash Pgo a \Rightarrow \omega(1390)$
- $\backslash Pgo b \Rightarrow \omega(1600)$
- $\backslash Pgo i i i \Rightarrow \omega(3)^{1670}$
- *pion*  
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*  
 $\backslash Pgppm \Rightarrow \pi^\pm$
- *charged pion*  
 $\backslash Pgpmp \Rightarrow \pi^\mp$
- *negative pion*  
 $\backslash Pgpm \Rightarrow \pi^-$
- *positive pion*  
 $\backslash Pgpp \Rightarrow \pi^+$
- *neutral pion*  
 $\backslash Pgpz \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- *resonance removed*  
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- *new*  
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgri i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$
- $\backslash Pgy d \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*  
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDM \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- *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*  
 $\backslash PS Hz \Rightarrow \tilde{H}^0$
- *wino*  
 $\backslash PS W \Rightarrow \tilde{W}$
- *positive wino*  
 $\backslash PS W p \Rightarrow \tilde{W}^+$
- *negative wino*  
 $\backslash PS W m \Rightarrow \tilde{W}^-$
- *wino pm*  
 $\backslash PS W pm \Rightarrow \tilde{W}^\pm$
- *wino mp*  
 $\backslash PS W mp \Rightarrow \tilde{W}^\mp$
- *zino*  
 $\backslash PS Z \Rightarrow \tilde{Z}$
- *zino*  
 $\backslash PS Z z \Rightarrow \tilde{Z}^0$
- *bingo*  
 $\backslash PS B \Rightarrow \tilde{B}$
- *selectron*  
 $\backslash PS e \Rightarrow \tilde{e}$
- *photino*  
 $\backslash PS g g \Rightarrow \tilde{\gamma}$
- *smuon*  
 $\backslash PS g m \Rightarrow \tilde{\mu}$
- *sneutrino*  
 $\backslash PS g n \Rightarrow \tilde{\nu}$
- *stau*  
 $\backslash PS g t \Rightarrow \tilde{\tau}$
- *chargino/neutralino*  
 $\backslash PS g x \Rightarrow \tilde{\chi}$
- *chargino pm*  
 $\backslash PS g x pm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*  
 $\backslash PS g x mp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*  
 $\backslash PS g x z \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*  
 $\backslash PS g x z i \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*  
 $\backslash PS g x z i i \Rightarrow \tilde{\chi}_2^0$
- *gluino*  
 $\backslash PS g \Rightarrow \tilde{g}$
- *slepton (generic)*  
 $\backslash PS l \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*  
 $\backslash Pa S l \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*  
 $\backslash PS q \Rightarrow \tilde{q}$
- *anti-squark (generic)*  
 $\backslash Pa S q \Rightarrow \tilde{\bar{q}}$
- *down squark*  
 $\backslash PS q d \Rightarrow \tilde{d}$
- *up squark*  
 $\backslash PS q u \Rightarrow \tilde{u}$
- *strange squark*  
 $\backslash PS q s \Rightarrow \tilde{s}$



- *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*

$$\backslash PaSq\bar{b} \Rightarrow \tilde{\bar{b}}$$

- *anti-top squark (stop)*

$$\backslash PaSqt \Rightarrow \tilde{\bar{t}}$$

## 4 Bold italic font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \overline{B}$
- $\backslash PaBz \Rightarrow \overline{B}^0$
- $\backslash PadB \Rightarrow \overline{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \overline{B}_s^0$
- *kaon*  
 $\backslash PK \Rightarrow K$
- *charged kaon*  
 $\backslash PKpm \Rightarrow K^\pm$
- *negative kaon*  
 $\backslash PKm \Rightarrow K^-$
- *positive kaon*  
 $\backslash PKp \Rightarrow K^+$
- *neutral kaon*  
 $\backslash PKz \Rightarrow K^0$
- *K-long*  
 $\backslash PKzL \Rightarrow K_L^0$
- *K-short*  
 $\backslash PKzS \Rightarrow K_S^0$
- *K star*  
 $\backslash PKst \Rightarrow K^*$
- *anti-kaon*  
 $\backslash PaK \Rightarrow \overline{K}$
- *neutral anti-kaon*  
 $\backslash PaKz \Rightarrow \overline{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu 3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu 3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$

- *gluon*  
 $\backslash Pg \Rightarrow g$
- *photon*  
 $\backslash Pgg \Rightarrow \gamma$
- *photon\**  
 $\backslash Pggx \Rightarrow \gamma^*$
- *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*  
 $\backslash PHm \Rightarrow H^-$
- *fermion*  
 $\backslash Pf \Rightarrow f$
- *charged fermion*  
 $\backslash Pfpm \Rightarrow f^\pm$
- *charged fermion*  
 $\backslash Pfmp \Rightarrow f^\mp$
- *positive fermion*  
 $\backslash Pfp \Rightarrow f^+$
- *negative fermion*  
 $\backslash Pfm \Rightarrow f^-$
- *anti-fermion*  
 $\backslash Paf \Rightarrow \bar{f}$
- *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*  
 $\backslash Pgmpm \Rightarrow \mu^\pm$
- *mu minus/plus*  
 $\backslash Pgmm \Rightarrow \mu^\mp$
- *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*  
 $\backslash Pgtm \Rightarrow \tau^-$
- *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*  
 $\backslash Pagn \Rightarrow \bar{\nu}_\mu$
- *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*  
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$

- $\backslash Pcgcz \Rightarrow \chi_{c0}(1P)$
- $\backslash Pfia \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f'_2(1525)$
- $\backslash Pfii \Rightarrow f_2(1270)$
- $\backslash Pfiiv \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$

- $\backslash PgOma \Rightarrow \Omega(2250)^-$
- *new*  
 $\backslash PagO \Rightarrow \bar{\Omega}$
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash Pcgs \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash Pacgs \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash PgSi \Rightarrow \Sigma(2050)$
- $\backslash Pcgsi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash PgUi \Rightarrow \Upsilon(1S)$
- $\backslash PgUa \Rightarrow \Upsilon(2S)$
- $\backslash PgUb \Rightarrow \Upsilon(3S)$
- $\backslash PgUc \Rightarrow \Upsilon(4S)$
- $\backslash PgUd \Rightarrow \Upsilon(10860)$
- $\backslash PgUe \Rightarrow \Upsilon(11020)$
- $\backslash PgX \Rightarrow \Xi$
- $\backslash PgXp \Rightarrow \Xi^+$
- $\backslash PgXm \Rightarrow \Xi^-$
- $\backslash PgXz \Rightarrow \Xi^0$
- $\backslash PgXa \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgXb \Rightarrow \Xi(1690)$
- $\backslash PgXc \Rightarrow \Xi(1820) D_{13}$
- $\backslash PgXd \Rightarrow \Xi(1950)$
- $\backslash PgXe \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \bar{\Xi}^+$
- $\backslash PagXm \Rightarrow \bar{\Xi}^-$
- $\backslash PagXz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgsXp \Rightarrow \Xi_c^+$
- $\backslash PcgsXz \Rightarrow \Xi_c^0$



- $\backslash Pgf \Rightarrow \phi$
- $\backslash Pgfi \Rightarrow \phi(1020)$
- $\backslash Pgfa \Rightarrow \phi(1680)$
- $\backslash Pgfiii \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoiii \Rightarrow \omega(3)^{1670}$
- *pion*  
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*  
 $\backslash Pgppm \Rightarrow \pi^\pm$
- *charged pion*  
 $\backslash Pgpmp \Rightarrow \pi^\mp$
- *negative pion*  
 $\backslash Pgpm \Rightarrow \pi^-$
- *positive pion*  
 $\backslash Pgpp \Rightarrow \pi^+$
- *neutral pion*  
 $\backslash Pgpz \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgpri \Rightarrow \pi_2(1670)$
- *resonance removed*  
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- *new*  
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgriii \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgyi \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgyii \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgyc \Rightarrow \psi(4160)$

- $\backslash Pgyd \Rightarrow \psi(4415)$
- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash Pdm \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*  
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Piai \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgciza \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$
- *Higgsino*  
 $\backslash PSH \Rightarrow \widetilde{H}$
- *positive Higgsino*  
 $\backslash PSHp \Rightarrow \widetilde{H}^+$
- *negative Higgsino*  
 $\backslash PSHm \Rightarrow \widetilde{H}^-$
- *charged Higgsino*  
 $\backslash PSHpm \Rightarrow \widetilde{H}^\pm$

- *charged Higgsino*

$$\backslash PS H m p \Rightarrow \widetilde{H}^{\mp}$$

- *neutral Higgsino*

$$\backslash PS H z \Rightarrow \widetilde{H}^0$$

- *wino*

$$\backslash PS W \Rightarrow \widetilde{W}$$

- *positive wino*

$$\backslash PS W p \Rightarrow \widetilde{W}^+$$

- *negative wino*

$$\backslash PS W m \Rightarrow \widetilde{W}^-$$

- *wino pm*

$$\backslash PS W p m \Rightarrow \widetilde{W}^{\pm}$$

- *wino mp*

$$\backslash PS W m p \Rightarrow \widetilde{W}^{\mp}$$

- *zino*

$$\backslash PS Z \Rightarrow \widetilde{Z}$$

- *zino*

$$\backslash PS Z z \Rightarrow \widetilde{Z}^0$$

- *bino*

$$\backslash PS B \Rightarrow \widetilde{B}$$

- *selectron*

$$\backslash PS e \Rightarrow \widetilde{e}$$

- *photino*

$$\backslash PS g g \Rightarrow \widetilde{\gamma}$$

- *smuon*

$$\backslash PS g m \Rightarrow \widetilde{\mu}$$

- *sneutrino*

$$\backslash PS g n \Rightarrow \widetilde{\nu}$$

- *stau*

$$\backslash PS g t \Rightarrow \widetilde{\tau}$$

- *chargino/neutralino*

$$\backslash PS g x \Rightarrow \widetilde{\chi}$$

- *chargino pm*

$$\backslash PS g x p m \Rightarrow \widetilde{\chi}^{\pm}$$

- *chargino mp*

$$\backslash PS g x m p \Rightarrow \widetilde{\chi}^{\mp}$$

- *neutralino*

$$\backslash PS g x z \Rightarrow \widetilde{\chi}^0$$

- *lightest neutralino*

$$\backslash PS g x z i \Rightarrow \widetilde{\chi}_1^0$$

- *next-to-lightest neutralino*

$$\backslash PS g x z i i \Rightarrow \widetilde{\chi}_2^0$$

- *gluino*

$$\backslash PS g \Rightarrow \widetilde{g}$$

- *slepton (generic)*

$$\backslash PS l \Rightarrow \widetilde{\ell}$$

- *anti-slepton (generic)*

$$\backslash P a S l \Rightarrow \widetilde{\bar{\ell}}$$

- *squark (generic)*

$$\backslash PS q \Rightarrow \widetilde{q}$$

- *anti-squark (generic)*

$$\backslash P a S q \Rightarrow \widetilde{\bar{q}}$$

- *down squark*

$$\backslash PS q d \Rightarrow \widetilde{d}$$

- *up squark*

$$\backslash PS q u \Rightarrow \widetilde{u}$$

- *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*

$$\backslash PaSqb \Rightarrow \tilde{\bar{b}}$$

- *anti-top squark (stop)*

$$\backslash PaSqt \Rightarrow \tilde{\bar{t}}$$

## 5 Sans font

- $\backslash PB \Rightarrow B$

- $\backslash PBpm \Rightarrow B^\pm$

- $\backslash PBmp \Rightarrow B^\mp$

- $\backslash PBp \Rightarrow B^+$

- $\backslash PBm \Rightarrow B^-$

- $\backslash PBz \Rightarrow B^0$

- $\backslash PBst \Rightarrow B^*$

- $\backslash PdB \Rightarrow B_d^0$

- $\backslash PuB \Rightarrow B^+$

- $\backslash PcB \Rightarrow B_c^+$

- $\backslash PsB \Rightarrow B_s^0$

- $\backslash PaB \Rightarrow \bar{B}$

- $\backslash PaBz \Rightarrow \bar{B}^0$

- $\backslash PadB \Rightarrow \bar{B}_d^0$

- $\backslash PauB \Rightarrow B^-$

- $\backslash PacB \Rightarrow B_c^-$

- $\backslash PasB \Rightarrow \bar{B}_s^0$

- kaon

$$\backslash PK \Rightarrow K$$

- charged kaon

$$\backslash PKpm \Rightarrow K^\pm$$

- charged kaon

$$\backslash PKmp \Rightarrow K^\mp$$

- negative kaon

$$\backslash PKm \Rightarrow K^-$$

- 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  
 $\backslash\text{PaKz} \Rightarrow \bar{K}^0$
- $\backslash\text{PKeiii} \Rightarrow K_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow K_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow K_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow K_{\mu 3}^0$
- $\backslash\text{PKia} \Rightarrow K_1(1400)$
- $\backslash\text{PKii} \Rightarrow K_2(1770)$
- $\backslash\text{PKi} \Rightarrow K_1(1270)$
- $\backslash\text{PKsti} \Rightarrow K^*(892)$
- $\backslash\text{PKsta} \Rightarrow K^*(1370)$
- $\backslash\text{PKstb} \Rightarrow K^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow K_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow K_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow K_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow K_0^*(1430)$
- $\backslash\text{PN} \Rightarrow N$
- $\backslash\text{PNa} \Rightarrow N(1440) P_{11}$
- $\backslash\text{PNb} \Rightarrow N(1520) D_{13}$
- $\backslash\text{PNc} \Rightarrow N(1535) S_{11}$
- $\backslash\text{PNd} \Rightarrow N(1650) S_{11}$
- $\backslash\text{PNe} \Rightarrow N(1675) D_{15}$
- $\backslash\text{PNf} \Rightarrow N(1680) F_{15}$
- $\backslash\text{PNg} \Rightarrow N(1700) D_{13}$
- $\backslash\text{PNh} \Rightarrow N(1710) P_{11}$
- $\backslash\text{PNI} \Rightarrow N(1720) P_{13}$
- $\backslash\text{PNj} \Rightarrow N(2190) G_{17}$
- $\backslash\text{PNk} \Rightarrow N(2220) H_{19}$
- $\backslash\text{PNl} \Rightarrow N(2250) G_{19}$
- $\backslash\text{PNm} \Rightarrow N(2600) I_{1,11}$
- gluon  
 $\backslash\text{Pg} \Rightarrow g$
- photon  
 $\backslash\text{Pgg} \Rightarrow \gamma$
- photon\*  
 $\backslash\text{Pggx} \Rightarrow \gamma^*$
- W boson  
 $\backslash\text{PW} \Rightarrow W$

- charged W boson  
 $\backslash PW_{pm} \Rightarrow W^{\pm}$
- charged W boson  
 $\backslash PW_{mp} \Rightarrow W^{\mp}$
- W-plus  
 $\backslash PW_p \Rightarrow W^+$
- W-minus  
 $\backslash PW_m \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- W-prime boson  
 $\backslash PW_{pr} \Rightarrow W'$
- Z boson  
 $\backslash PZ \Rightarrow Z$
- neutral Z boson  
 $\backslash PZz \Rightarrow Z^0$
- Z-prime boson  
 $\backslash PZ_{pr} \Rightarrow Z'$
- 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  
 $\backslash PH_{pm} \Rightarrow H^{\pm}$
- charged Higgs  
 $\backslash PH_{mp} \Rightarrow H^{\mp}$
- positive-charged Higgs  
 $\backslash PH_p \Rightarrow H^+$
- negative-charged Higgs  
 $\backslash PH_m \Rightarrow H^-$
- fermion  
 $\backslash Pf \Rightarrow f$
- charged fermion  
 $\backslash Pf_{pm} \Rightarrow f^{\pm}$
- charged fermion  
 $\backslash Pf_{mp} \Rightarrow f^{\mp}$
- positive fermion  
 $\backslash Pf_p \Rightarrow f^+$
- negative fermion  
 $\backslash Pf_m \Rightarrow f^-$

- anti-fermion  
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- 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  
 $\backslash\text{Pgmmmp} \Rightarrow \mu^{\mp}$
- 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  
 $\backslash\text{Pagnm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino  
 $\backslash\text{Pangnt} \Rightarrow \bar{\nu}_\tau$
- 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  
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfiz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL}a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL}b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL}c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL}d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL}e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL}f \Rightarrow \Lambda(1800) S_{01}$

- $\backslash\text{PgLg} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgLh} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgLl} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgLj} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgLk} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgLl} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgLm} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{Pg0} \Rightarrow \Omega$
- $\backslash\text{Pg0pm} \Rightarrow \Omega^\pm$
- $\backslash\text{Pg0mp} \Rightarrow \Omega^\mp$
- $\backslash\text{Pg0p} \Rightarrow \Omega^+$
- $\backslash\text{Pg0m} \Rightarrow \Omega^-$
- $\backslash\text{Pg0ma} \Rightarrow \Omega(2250)^-$
- new  
 $\backslash\text{Pag0} \Rightarrow \bar{\Omega}$
- $\backslash\text{Pag0p} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{Pag0m} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{PgSz} \Rightarrow \Sigma^0$

- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{PgSa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{PgSb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgSc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{PgSd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{PgSf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgSg} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgSh} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{PgSi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{PgU} \Rightarrow \Upsilon$
- $\backslash\text{PgUi} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PgUa} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PgUb} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PgUc} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PgUd} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PgUe} \Rightarrow \Upsilon(11020)$
- $\backslash\text{PgX} \Rightarrow \Xi$
- $\backslash\text{PgXp} \Rightarrow \Xi^+$

- $\backslash\text{PgXm} \Rightarrow \Xi^-$
- $\backslash\text{PgXz} \Rightarrow \Xi^0$
- $\backslash\text{PgXa} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgXb} \Rightarrow \Xi(1690)$
- $\backslash\text{PgXc} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgXd} \Rightarrow \Xi(1950)$
- $\backslash\text{PgXe} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \Xi^+$
- $\backslash\text{PagXm} \Rightarrow \Xi^-$
- $\backslash\text{PagXz} \Rightarrow \Xi^0$
- $\backslash\text{PcgXp} \Rightarrow \Xi_c^+$
- $\backslash\text{PcgXz} \Rightarrow \Xi_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfi} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion  
 $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion  
 $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion  
 $\backslash\text{Pgmp} \Rightarrow \pi^\mp$
- negative pion  
 $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion  
 $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion  
 $\backslash\text{Pgpsz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpii} \Rightarrow \pi_2(1670)$
- 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
- $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$
- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$
- $\backslash\text{PD} \Rightarrow D$
- $\backslash\text{PDpm} \Rightarrow D^\pm$
- $\backslash\text{PDmp} \Rightarrow D^\mp$
- $\backslash\text{PDz} \Rightarrow D^0$
- $\backslash\text{PDm} \Rightarrow D^-$
- $\backslash\text{PDp} \Rightarrow D^+$
- $\backslash\text{PDst} \Rightarrow D^*$
- $\backslash\text{PaD} \Rightarrow \bar{D}$
- $\backslash\text{PaDz} \Rightarrow \bar{D}^0$

- 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  
 $\backslash\text{PSW} \Rightarrow \tilde{W}$

- positive wino  
 $\backslash\text{PSWp} \Rightarrow \tilde{W}^+$

- negative wino  
 $\backslash\text{PSWm} \Rightarrow \tilde{W}^-$

- wino pm  
 $\backslash\text{PSWpm} \Rightarrow \tilde{W}^\pm$

- wino mp  
 $\backslash\text{PSWmp} \Rightarrow \tilde{W}^\mp$

- zino  
 $\backslash\text{PSZ} \Rightarrow \tilde{Z}$

- zino  
 $\backslash\text{PSZz} \Rightarrow \tilde{Z}^0$

- bino  
 $\backslash\text{PSB} \Rightarrow \tilde{B}$

- selectron  
 $\backslash\text{PSe} \Rightarrow \tilde{e}$

- photino  
 $\backslash\text{PSgg} \Rightarrow \tilde{\gamma}$

- smuon  
 $\backslash\text{PSgm} \Rightarrow \tilde{\mu}$

- sneutrino  
 $\backslash\text{PSgn} \Rightarrow \tilde{\nu}$

- stau  
 $\backslash\text{PSgt} \Rightarrow \tilde{\tau}$

- chargino/neutralino  
 $\backslash\text{PSgx} \Rightarrow \tilde{\chi}$

- chargino pm  
 $\backslash\text{PSgxpm} \Rightarrow \tilde{\chi}^\pm$

- chargino mp  
 $\backslash\text{PSgxmp} \Rightarrow \tilde{\chi}^\mp$

- neutralino  
 $\backslash\text{PSgxz} \Rightarrow \tilde{\chi}^0$

- lightest neutralino  
 $\backslash\text{PSgxzi} \Rightarrow \tilde{\chi}_1^0$

- next-to-lightest neutralino

$$\backslash\text{PSgxzii} \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslash\text{PSg} \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslash\text{PSl} \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslash\text{PaSl} \Rightarrow \tilde{\bar{\ell}}$$

- squark (generic)

$$\backslash\text{PSq} \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslash\text{PaSq} \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslash\text{PSqd} \Rightarrow \tilde{d}$$

- up squark

$$\backslash\text{PSqu} \Rightarrow \tilde{u}$$

- strange squark

$$\backslash\text{PSqs} \Rightarrow \tilde{s}$$

- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- 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)

$$\backslash\text{PaSqt} \Rightarrow \tilde{\bar{t}}$$

## 6 Bold sans font

- $\backslash\text{PB} \Rightarrow \mathbf{B}$
- $\backslash\text{PBpm} \Rightarrow \mathbf{B}^{\pm}$
- $\backslash\text{PBmp} \Rightarrow \mathbf{B}^{\mp}$
- $\backslash\text{PBp} \Rightarrow \mathbf{B}^{+}$
- $\backslash\text{PBm} \Rightarrow \mathbf{B}^{-}$
- $\backslash\text{PBz} \Rightarrow \mathbf{B}^0$
- $\backslash\text{PBst} \Rightarrow \mathbf{B}^*$
- $\backslash\text{PdB} \Rightarrow \mathbf{B}_d^0$
- $\backslash\text{PuB} \Rightarrow \mathbf{B}^{+}$
- $\backslash\text{PcB} \Rightarrow \mathbf{B}_c^{+}$
- $\backslash\text{PsB} \Rightarrow \mathbf{B}_s^0$
- $\backslash\text{PaB} \Rightarrow \overline{\mathbf{B}}$
- $\backslash\text{PaBz} \Rightarrow \overline{\mathbf{B}}^0$
- $\backslash\text{PadB} \Rightarrow \overline{\mathbf{B}}_d^0$
- $\backslash\text{PauB} \Rightarrow \mathbf{B}^{-}$
- $\backslash\text{PacB} \Rightarrow \mathbf{B}_c^{-}$
- $\backslash\text{PasB} \Rightarrow \overline{\mathbf{B}}_s^0$
- **kaon**  
 $\backslash\text{PK} \Rightarrow \mathbf{K}$
- **charged kaon**  
 $\backslash\text{PKpm} \Rightarrow \mathbf{K}^{\pm}$
- **charged kaon**  
 $\backslash\text{PKmp} \Rightarrow \mathbf{K}^{\mp}$
- **negative kaon**  
 $\backslash\text{PKm} \Rightarrow \mathbf{K}^{-}$
- **positive kaon**  
 $\backslash\text{PKp} \Rightarrow \mathbf{K}^{+}$
- **neutral kaon**  
 $\backslash\text{PKz} \Rightarrow \mathbf{K}^0$
- **K-long**  
 $\backslash\text{PKzL} \Rightarrow \mathbf{K}_L^0$
- **K-short**  
 $\backslash\text{PKzS} \Rightarrow \mathbf{K}_S^0$
- **K star**  
 $\backslash\text{PKst} \Rightarrow \mathbf{K}^*$
- **anti-kaon**  
 $\backslash\text{PaK} \Rightarrow \overline{\mathbf{K}}$
- **neutral anti-kaon**  
 $\backslash\text{PaKz} \Rightarrow \overline{\mathbf{K}}^0$
- $\backslash\text{PKeiii} \Rightarrow \mathbf{K}_{e3}$
- $\backslash\text{PKgmiii} \Rightarrow \mathbf{K}_{\mu 3}$
- $\backslash\text{PKzeiii} \Rightarrow \mathbf{K}_{e3}^0$
- $\backslash\text{PKzgmiii} \Rightarrow \mathbf{K}_{\mu 3}^0$
- $\backslash\text{PKia} \Rightarrow \mathbf{K}_1(1400)$
- $\backslash\text{PKii} \Rightarrow \mathbf{K}_2(1770)$

- $\backslash\text{PKi} \Rightarrow K_1(1270)$
- $\backslash\text{PKsti} \Rightarrow K^*(892)$
- $\backslash\text{PKsta} \Rightarrow K^*(1370)$
- $\backslash\text{PKstb} \Rightarrow K^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow K_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow K_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow K_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow K_0^*(1430)$
- $\backslash\text{PN} \Rightarrow N$
- $\backslash\text{PNa} \Rightarrow N(1440) P_{11}$
- $\backslash\text{PNb} \Rightarrow N(1520) D_{13}$
- $\backslash\text{PNc} \Rightarrow N(1535) S_{11}$
- $\backslash\text{PNd} \Rightarrow N(1650) S_{11}$
- $\backslash\text{PNe} \Rightarrow N(1675) D_{15}$
- $\backslash\text{PNf} \Rightarrow N(1680) F_{15}$
- $\backslash\text{PNg} \Rightarrow N(1700) D_{13}$
- $\backslash\text{PNh} \Rightarrow N(1710) P_{11}$
- $\backslash\text{PNi} \Rightarrow N(1720) P_{13}$
- $\backslash\text{PNj} \Rightarrow N(2190) G_{17}$
- $\backslash\text{PNk} \Rightarrow N(2220) H_{19}$
- $\backslash\text{PNl} \Rightarrow N(2250) G_{19}$
- $\backslash\text{PNm} \Rightarrow N(2600) I_{1,11}$

- **gluon**  
 $\backslash\text{Pg} \Rightarrow g$
- **photon**  
 $\backslash\text{Pgg} \Rightarrow \gamma$
- **photon\***  
 $\backslash\text{Pggx} \Rightarrow \gamma^*$
- **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**  
 $\backslash\text{PZLR} \Rightarrow Z_{LR}$



- $\backslash\text{PZgc} \Rightarrow \mathbf{Z}_\chi$
- $\backslash\text{PZge} \Rightarrow \mathbf{Z}_\eta$
- $\backslash\text{PZgy} \Rightarrow \mathbf{Z}_\psi$
- $\backslash\text{PZi} \Rightarrow \mathbf{Z}_1$
- axion  
 $\backslash\text{PAz} \Rightarrow \mathbf{A}^0$
- standard/heavy Higgs  
 $\backslash\text{PH} \Rightarrow \mathbf{H}$
- explicitly neutral standard/heavy Higgs  
 $\backslash\text{PHz} \Rightarrow \mathbf{H}^0$
- light Higgs  
 $\backslash\text{Ph} \Rightarrow \mathbf{h}$
- explicitly neutral light Higgs  
 $\backslash\text{Phz} \Rightarrow \mathbf{h}^0$
- pseudoscalar Higgs  
 $\backslash\text{PA} \Rightarrow \mathbf{A}$
- explicitly neutral pseudoscalar Higgs  
 $\backslash\text{PAz} \Rightarrow \mathbf{A}^0$
- charged Higgs  
 $\backslash\text{PHpm} \Rightarrow \mathbf{H}^\pm$
- charged Higgs  
 $\backslash\text{PHmp} \Rightarrow \mathbf{H}^\mp$
- positive-charged Higgs  
 $\backslash\text{PHp} \Rightarrow \mathbf{H}^+$
- negative-charged Higgs  
 $\backslash\text{PHm} \Rightarrow \mathbf{H}^-$
- fermion  
 $\backslash\text{Pf} \Rightarrow \mathbf{f}$
- charged fermion  
 $\backslash\text{Pfpm} \Rightarrow \mathbf{f}^\pm$
- charged fermion  
 $\backslash\text{Pfmp} \Rightarrow \mathbf{f}^\mp$
- positive fermion  
 $\backslash\text{Pfp} \Rightarrow \mathbf{f}^+$
- negative fermion  
 $\backslash\text{Pfm} \Rightarrow \mathbf{f}^-$
- anti-fermion  
 $\backslash\text{Paf} \Rightarrow \bar{\mathbf{f}}$
- 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

$$\backslash\text{Pgmpm} \Rightarrow \mu^\mp$$

- 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

$$\backslash\text{Pagngm} \Rightarrow \bar{\nu}_\mu$$

- tau anti-neutrino

$$\backslash\text{Pagngt} \Rightarrow \bar{\nu}_\tau$$

- 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  
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$

- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL a} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL b} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL c} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL d} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL e} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL f} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL g} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL h} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL i} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL j} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL k} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgL l} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgL m} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$

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

- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfi} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- **pion**  
 $\backslash\text{Pgp} \Rightarrow \pi$
- **charged pion**  
 $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- **charged pion**  
 $\backslash\text{Pgppm} \Rightarrow \pi^\mp$
- **negative pion**  
 $\backslash\text{Pgpm} \Rightarrow \pi^-$
- **positive pion**  
 $\backslash\text{Pgpp} \Rightarrow \pi^+$

- **neutral pion**  
 $\backslash\text{Pgpsz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpii} \Rightarrow \pi_2(1670)$
- **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**  
 $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriiii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgys} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$
- $\backslash\text{Pgys} \Rightarrow \psi(4415)$

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

$$\backslash\text{PSHz} \Rightarrow \tilde{H}^0$$

- wino

$$\backslash\text{PSW} \Rightarrow \tilde{W}$$

- positive wino

$$\backslash\text{PSWp} \Rightarrow \tilde{W}^+$$

- negative wino

$$\backslash\text{PSWm} \Rightarrow \tilde{W}^-$$

- wino pm

$$\backslash\text{PSWpm} \Rightarrow \tilde{W}^\pm$$

- wino mp

$$\backslash\text{PSWmp} \Rightarrow \tilde{W}^\mp$$

- zino

$$\backslash\text{PSZ} \Rightarrow \tilde{Z}$$

- zino

$$\backslash\text{PSZz} \Rightarrow \tilde{Z}^0$$

- bino

$$\backslash\text{PSB} \Rightarrow \tilde{B}$$

- selectron

$$\backslash\text{PSe} \Rightarrow \tilde{e}$$

- photino

$$\backslash\text{PSgg} \Rightarrow \tilde{\gamma}$$

- smuon

$$\backslash\text{PSgm} \Rightarrow \tilde{\mu}$$

- sneutrino

$$\backslash\text{PSgn} \Rightarrow \tilde{\nu}$$

- stau

$$\backslash\text{PSgt} \Rightarrow \tilde{\tau}$$

- chargino/neutralino

$$\backslash\text{PSgx} \Rightarrow \tilde{\chi}$$

- chargino pm

$$\backslash\text{PSgxpm} \Rightarrow \tilde{\chi}^\pm$$

- chargino mp

$$\backslash\text{PSgxmp} \Rightarrow \tilde{\chi}^\mp$$

- neutralino

$$\backslash\text{PSgxz} \Rightarrow \tilde{\chi}^0$$

- lightest neutralino

$$\backslash\text{PSgxzi} \Rightarrow \tilde{\chi}_1^0$$

- next-to-lightest neutralino

$$\backslash\text{PSgxzii} \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslash\text{PSg} \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslash\text{PSl} \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslash\text{PaSl} \Rightarrow \tilde{\bar{\ell}}$$

- squark (generic)

$$\backslash\text{PSq} \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslash\text{PaSq} \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslash\text{PSqd} \Rightarrow \tilde{d}$$

- up squark

$$\backslash\text{PSqu} \Rightarrow \tilde{u}$$

- strange squark

$$\backslash\text{PSqs} \Rightarrow \tilde{s}$$



- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- 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

$$\backslash\text{PaSqbb} \Rightarrow \tilde{\bar{b}}$$

- anti-top squark (stop)

$$\backslash\text{PaSqt} \Rightarrow \tilde{\bar{t}}$$

## 7 Italic sans font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- *kaon*  
 $\backslash PK \Rightarrow K$
- *charged kaon*  
 $\backslash PKpm \Rightarrow K^\pm$
- *negative kaon*  
 $\backslash PKm \Rightarrow K^-$
- *positive kaon*  
 $\backslash PKp \Rightarrow K^+$
- *neutral kaon*  
 $\backslash PKz \Rightarrow K^0$
- *K-long*  
 $\backslash PKzL \Rightarrow K_L^0$
- *K-short*  
 $\backslash PKzS \Rightarrow K_S^0$
- *K star*  
 $\backslash PKst \Rightarrow K^*$
- *anti-kaon*  
 $\backslash PaK \Rightarrow \bar{K}$
- *neutral anti-kaon*  
 $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu 3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu 3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$

- *gluon*  
 $\backslash Pg \Rightarrow g$
- *photon*  
 $\backslash Pgg \Rightarrow \gamma$
- *photon\**  
 $\backslash Pggx \Rightarrow \gamma^*$
- *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*  
 $\backslash PHm \Rightarrow H^-$
- *fermion*  
 $\backslash Pf \Rightarrow f$
- *charged fermion*  
 $\backslash Pfp m \Rightarrow f^\pm$
- *charged fermion*  
 $\backslash Pfmp \Rightarrow f^\mp$
- *positive fermion*  
 $\backslash Pfp \Rightarrow f^+$
- *negative fermion*  
 $\backslash Pfm \Rightarrow f^-$
- *anti-fermion*  
 $\backslash Paf \Rightarrow \bar{f}$
- *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*  
 $\backslash Pgmpm \Rightarrow \mu^\pm$
- *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*  
 $\backslash Pgtm \Rightarrow \tau^-$
- *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*  
 $\backslash Pqd \Rightarrow d$
- *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*  
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfi b \Rightarrow f_1(1510)$
- $\backslash Pfi i a \Rightarrow f_2(1720)$
- $\backslash Pfi i b \Rightarrow f_2(2010)$
- $\backslash Pfi i c \Rightarrow f_2(2300)$
- $\backslash Pfi i d \Rightarrow f_2(2340)$
- $\backslash Pfi i pr \Rightarrow f_2'(1525)$
- $\backslash Pfi i \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$

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



- $\backslash Pgfi \Rightarrow \phi(1020)$
- $\backslash Pgfa \Rightarrow \phi(1680)$
- $\backslash Pgfi i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoi i i \Rightarrow \omega(3)^{1670}$
- *pion*  
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*  
 $\backslash Pgppm \Rightarrow \pi^\pm$
- *charged pion*  
 $\backslash Pgppm \Rightarrow \pi^\mp$
- *negative pion*  
 $\backslash Pgpm \Rightarrow \pi^-$
- *positive pion*  
 $\backslash Pgpp \Rightarrow \pi^+$
- *neutral pion*  
 $\backslash Pgpz \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- *resonance removed*  
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- *new*  
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgri i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$
- $\backslash Pgy d \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^{\pm}$
- $\backslash PDmp \Rightarrow D^{\mp}$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^{-}$
- $\backslash PDp \Rightarrow D^{+}$
- $\backslash PDst \Rightarrow D^{*}$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*  
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^{-}$
- $\backslash PsDp \Rightarrow D_s^{+}$
- $\backslash PsDpm \Rightarrow D_s^{\pm}$
- $\backslash PsDmp \Rightarrow D_s^{\mp}$
- $\backslash PsDst \Rightarrow D_s^{*}$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^{\pm}$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^{\mp}$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiz \Rightarrow D_2^{*}(2460)^0$
- $\backslash PDstpm \Rightarrow D^{*}(2010)^{\pm}$
- $\backslash PDstmp \Rightarrow D^{*}(2010)^{\mp}$
- $\backslash PDstz \Rightarrow D^{*}(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^{\pm}$
- $\backslash PLmp \Rightarrow L^{\mp}$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Piai \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgciza \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$
- *Higgsino*  
 $\backslash PSH \Rightarrow \tilde{H}$
- *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*  
 $\backslash PS Hz \Rightarrow \tilde{H}^0$
- *wino*  
 $\backslash PS W \Rightarrow \tilde{W}$
- *positive wino*  
 $\backslash PS W p \Rightarrow \tilde{W}^+$
- *negative wino*  
 $\backslash PS W m \Rightarrow \tilde{W}^-$
- *wino pm*  
 $\backslash PS W pm \Rightarrow \tilde{W}^\pm$
- *wino mp*  
 $\backslash PS W mp \Rightarrow \tilde{W}^\mp$
- *zino*  
 $\backslash PS Z \Rightarrow \tilde{Z}$
- *zino*  
 $\backslash PS Z z \Rightarrow \tilde{Z}^0$
- *bingo*  
 $\backslash PS B \Rightarrow \tilde{B}$
- *selectron*  
 $\backslash PS e \Rightarrow \tilde{e}$
- *photino*  
 $\backslash PS g g \Rightarrow \tilde{\gamma}$
- *smuon*  
 $\backslash PS g m \Rightarrow \tilde{\mu}$
- *sneutrino*  
 $\backslash PS g n \Rightarrow \tilde{\nu}$
- *stau*  
 $\backslash PS g t \Rightarrow \tilde{\tau}$
- *chargino/neutralino*  
 $\backslash PS g x \Rightarrow \tilde{\chi}$
- *chargino pm*  
 $\backslash PS g x pm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*  
 $\backslash PS g x mp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*  
 $\backslash PS g x z \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*  
 $\backslash PS g x z i \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*  
 $\backslash PS g x z i i \Rightarrow \tilde{\chi}_2^0$
- *gluino*  
 $\backslash PS g \Rightarrow \tilde{g}$
- *slepton (generic)*  
 $\backslash PS l \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*  
 $\backslash Pa S l \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*  
 $\backslash PS q \Rightarrow \tilde{q}$
- *anti-squark (generic)*  
 $\backslash Pa S q \Rightarrow \tilde{\bar{q}}$
- *down squark*  
 $\backslash PS q d \Rightarrow \tilde{d}$
- *up squark*  
 $\backslash PS q u \Rightarrow \tilde{u}$
- *strange squark*  
 $\backslash PS q s \Rightarrow \tilde{s}$

- 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

$$\backslash PaSq\bar{b} \Rightarrow \tilde{\bar{b}}$$

- anti-top squark (stop)

$$\backslash PaSqt \Rightarrow \tilde{\bar{t}}$$

## 8 Bold italic sans font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- kaon
  - $\backslash PK \Rightarrow K$
- charged kaon
  - $\backslash PKmp \Rightarrow K^\mp$
- negative kaon
  - $\backslash PKm \Rightarrow K^-$
- positive kaon
  - $\backslash PKp \Rightarrow K^+$
- neutral kaon
  - $\backslash PKz \Rightarrow K^0$
- K-long
  - $\backslash PKzL \Rightarrow K_L^0$
- K-short
  - $\backslash PKzS \Rightarrow K_S^0$
- K star
  - $\backslash PKst \Rightarrow K^*$
- anti-kaon
  - $\backslash PaK \Rightarrow \bar{K}$
- neutral anti-kaon
  - $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu 3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu 3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$

- gluon  
 $\backslash Pg \Rightarrow g$
- photon  
 $\backslash Pgg \Rightarrow \gamma$
- photon\*  
 $\backslash Pggx \Rightarrow \gamma^*$
- 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  
 $\backslash PHm \Rightarrow H^-$
- fermion  
 $\backslash Pf \Rightarrow f$
- charged fermion  
 $\backslash Pfp m \Rightarrow f^\pm$
- charged fermion  
 $\backslash Pfmp \Rightarrow f^\mp$
- positive fermion  
 $\backslash Pfp \Rightarrow f^+$
- negative fermion  
 $\backslash Pfm \Rightarrow f^-$
- anti-fermion  
 $\backslash Paf \Rightarrow \bar{f}$
- 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

$$\backslash Pgmpm \Rightarrow \mu^\pm$$

- 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

$$\backslash Pgtm \Rightarrow \tau^-$$

- anti-tau

$$\backslash Pgtp \Rightarrow \tau^+$$

- 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

$$\backslash Pngt \Rightarrow \bar{\nu}_\tau$$

- 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  
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfi b \Rightarrow f_1(1510)$
- $\backslash Pfi i a \Rightarrow f_2(1720)$
- $\backslash Pfi i b \Rightarrow f_2(2010)$
- $\backslash Pfi i c \Rightarrow f_2(2300)$
- $\backslash Pfi i d \Rightarrow f_2(2340)$
- $\backslash Pfi i pr \Rightarrow f'_2(1525)$
- $\backslash Pfi i \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash PgD \Rightarrow \Delta$
- $\backslash PgDa \Rightarrow \Delta(1232) P_{33}$
- $\backslash PgDb \Rightarrow \Delta(1620) S_{31}$
- $\backslash PgDc \Rightarrow \Delta(1700) D_{33}$
- $\backslash PgDd \Rightarrow \Delta(1900) S_{31}$
- $\backslash PgDe \Rightarrow \Delta(1905) F_{35}$
- $\backslash PgDf \Rightarrow \Delta(1910) P_{31}$
- $\backslash PgDh \Rightarrow \Delta(1920) P_{33}$
- $\backslash PgDi \Rightarrow \Delta(1930) D_{35}$
- $\backslash PgDj \Rightarrow \Delta(1950) F_{37}$
- $\backslash PgDk \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$

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

- $\backslash Pgfi \Rightarrow \phi(1020)$
- $\backslash Pgfa \Rightarrow \phi(1680)$
- $\backslash Pgfi i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoi i i \Rightarrow \omega(3)^{1670}$
- **pion**  
 $\backslash Pgp \Rightarrow \pi$
- **charged pion**  
 $\backslash Pgppm \Rightarrow \pi^\pm$
- **charged pion**  
 $\backslash Pgppm \Rightarrow \pi^\mp$
- **negative pion**  
 $\backslash Pgpm \Rightarrow \pi^-$
- **positive pion**  
 $\backslash Pgpp \Rightarrow \pi^+$

- **neutral pion**  
 $\backslash Pgpz \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- **resonance removed**  
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- **new**  
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgri i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$
- $\backslash Pgy d \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- **new 2005-07-08**
  - $\backslash PsD \Rightarrow D_s$
  - $\backslash PsDm \Rightarrow D_s^-$
  - $\backslash PsDp \Rightarrow D_s^+$
  - $\backslash PsDpm \Rightarrow D_s^\pm$
  - $\backslash PsDmp \Rightarrow D_s^\mp$
  - $\backslash PsDst \Rightarrow D_s^*$
  - $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
  - $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
  - $\backslash PDiz \Rightarrow D_1(2420)^0$
  - $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
  - $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
  - $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
  - $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- **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

$$\backslash PS Hz \Rightarrow \tilde{H}^0$$

- wino

$$\backslash PS W \Rightarrow \tilde{W}$$

- positive wino

$$\backslash PS W p \Rightarrow \tilde{W}^+$$

- negative wino

$$\backslash PS W m \Rightarrow \tilde{W}^-$$

- wino pm

$$\backslash PS W pm \Rightarrow \tilde{W}^\pm$$

- wino mp

$$\backslash PS W mp \Rightarrow \tilde{W}^\mp$$

- zino

$$\backslash PS Z \Rightarrow \tilde{Z}$$

- zino

$$\backslash PS Z z \Rightarrow \tilde{Z}^0$$

- bino

$$\backslash PS B \Rightarrow \tilde{B}$$

- selectron

$$\backslash PS e \Rightarrow \tilde{e}$$

- photino

$$\backslash PS g g \Rightarrow \tilde{\gamma}$$

- smuon

$$\backslash PS g m \Rightarrow \tilde{\mu}$$

- sneutrino

$$\backslash PS g n \Rightarrow \tilde{\nu}$$

- stau

$$\backslash PS g t \Rightarrow \tilde{\tau}$$

- chargino/neutralino

$$\backslash PS g x \Rightarrow \tilde{\chi}$$

- chargino pm

$$\backslash PS g x pm \Rightarrow \tilde{\chi}^\pm$$

- chargino mp

$$\backslash PS g x mp \Rightarrow \tilde{\chi}^\mp$$

- neutralino

$$\backslash PS g x z \Rightarrow \tilde{\chi}^0$$

- lightest neutralino

$$\backslash PS g x z i \Rightarrow \tilde{\chi}_1^0$$

- next-to-lightest neutralino

$$\backslash PS g x z i i \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslash PS g \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslash PS l \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslash Pa S l \Rightarrow \bar{\tilde{\ell}}$$

- squark (generic)

$$\backslash PS q \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslash Pa S q \Rightarrow \bar{\tilde{q}}$$

- down squark

$$\backslash PS q d \Rightarrow \tilde{d}$$

- up squark

$$\backslash PS q u \Rightarrow \tilde{u}$$

- strange squark

$$\backslash PS q s \Rightarrow \tilde{s}$$

- 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

$$\backslash PaSq\bar{b} \Rightarrow \tilde{\bar{b}}$$

- anti-top squark (stop)

$$\backslash PaSqt \Rightarrow \tilde{\bar{t}}$$