

Table kvark's – verse 2004

| | | | | | |
|--|---------------------------------------|---------------------------------------|--|---------------------------------------|---------------------------------------|
| <i>b</i> | <i>t</i> | <i>d</i> | <i>u</i> | <i>s</i> | <i>c</i> |
| $\mathbf{x}^3 \cdot \mathbf{t}^{8/3}$ | $\mathbf{x}^3 \cdot \mathbf{t}^{5/3}$ | $\mathbf{x}^1 \cdot \mathbf{t}^{2/3}$ | $\mathbf{x}^1 \cdot \mathbf{t}^{-1/3}$ | $\mathbf{x}^2 \cdot \mathbf{t}^{2/3}$ | $\mathbf{x}^2 \cdot \mathbf{t}^{5/3}$ |
| ----- | ----- | ----- | ----- | ----- | ----- |
| $\mathbf{x}^2 \cdot \mathbf{t}^{10/3}$ | $\mathbf{x}^2 \cdot \mathbf{t}^{7/3}$ | $\mathbf{x}^0 \cdot \mathbf{t}^{4/3}$ | $\mathbf{x}^0 \cdot \mathbf{t}^{+1/3}$ | $\mathbf{x}^1 \cdot \mathbf{t}^{4/3}$ | $\mathbf{x}^1 \cdot \mathbf{t}^{7/3}$ |

náboj : -1/3 +2/3 -1/3 +2/3 -1/3 +2/3

| | <i>d</i> | <i>u</i> | <i>s</i> | <i>c</i> | <i>b</i> | <i>t</i> | \bar{t} | \bar{b} | \bar{c} | \bar{s} | \bar{u} | \bar{d} | |
|-----------|------------|---------------|-----------------|--------------------|-----------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|------------------|-----------------|
| <i>dd</i> | Δ^- | Δ^0 | Σ_s^- | Σ_c^0 | Σ_b^- | Σ_t^0 | $\bar{\Sigma}_t^0$ | $\bar{\Sigma}_b^+$ | $\bar{\Sigma}_c^0$ | $\bar{\Sigma}_s^+$ | $\bar{\Delta}^0$ | $\bar{\Delta}^+$ | \overline{dd} |
| <i>uu</i> | Δ^+ | Δ^{++} | Σ_s^+ | Σ_c^{++} | Σ_b^+ | Σ_t^+ | $\bar{\Sigma}_t^-$ | $\bar{\Sigma}_b^-$ | $\bar{\Sigma}_c^-$ | $\bar{\Sigma}_s^-$ | $\bar{\Delta}^-$ | $\bar{\Delta}^-$ | \overline{uu} |
| <i>ss</i> | Ξ_s^- | Ξ_s^0 | Ω_{ss}^- | Ω_{sc}^0 | Ω_{sb}^- | Ω_{st}^0 | $\bar{\Omega}_{st}^0$ | $\bar{\Omega}_{sb}^+$ | $\bar{\Omega}_{sc}^0$ | $\bar{\Omega}_{ss}^+$ | $\bar{\Xi}_s^0$ | $\bar{\Xi}_s^+$ | \overline{ss} |
| <i>cc</i> | Ξ_c^+ | Ξ_c^{++} | Ω_{cs}^+ | Ω_{cc}^{++} | Ω_{cb}^+ | Ω_{ct}^{++} | $\bar{\Omega}_{ct}^-$ | $\bar{\Omega}_{cb}^-$ | $\bar{\Omega}_{cc}^-$ | $\bar{\Omega}_{cs}^-$ | $\bar{\Xi}_c^-$ | $\bar{\Xi}_c^+$ | \overline{cc} |
| <i>bb</i> | Ξ_b^- | Ξ_b^0 | Ω_{bs}^- | Ω_{bc}^0 | Ω_{bb}^- | Ω_{bt}^0 | $\bar{\Omega}_{bt}^0$ | $\bar{\Omega}_{bb}^+$ | $\bar{\Omega}_{bc}^0$ | $\bar{\Omega}_{bs}^+$ | $\bar{\Xi}_b^0$ | $\bar{\Xi}_b^+$ | \overline{bb} |
| <i>tt</i> | Ξ_t^+ | Ξ_t^{++} | Ω_{ts}^+ | Ω_{tc}^{++} | Ω_{tb}^+ | Ω_{tt}^{++} | $\bar{\Omega}_{tt}^-$ | $\bar{\Omega}_{tb}^-$ | $\bar{\Omega}_{tc}^-$ | $\bar{\Omega}_{ts}^-$ | $\bar{\Xi}_t^-$ | $\bar{\Xi}_t^+$ | \overline{tt} |
| <i>du</i> | | | Σ_s^0 | Σ_c^+ | Σ_b^0 | Σ_t^+ | $\bar{\Sigma}_t^-$ | $\bar{\Sigma}_b^0$ | $\bar{\Sigma}_c^-$ | $\bar{\Sigma}_s^0$ | | | \overline{du} |
| <i>ds</i> | | | | Ξ_{sc}^0 | Ξ_{sb}^- | Ξ_{st}^0 | $\bar{\Xi}_{st}^0$ | $\bar{\Xi}_{sb}^+$ | $\bar{\Xi}_{sc}^0$ | | | | \overline{ds} |
| <i>us</i> | | | | Ξ_{sc}^+ | Ξ_{sb}^0 | Ξ_{st}^+ | $\bar{\Xi}_{st}^-$ | $\bar{\Xi}_{sb}^0$ | $\bar{\Xi}_{sc}^-$ | | | | \overline{us} |
| <i>dc</i> | | | | | Ξ_{cb}^0 | Ξ_{ct}^+ | $\bar{\Xi}_{ct}^-$ | $\bar{\Xi}_{cb}^0$ | | | | | \overline{dc} |
| <i>uc</i> | | | | | Ξ_{cb}^+ | Ξ_{ct}^{++} | $\bar{\Xi}_{ct}^-$ | $\bar{\Xi}_{cb}^-$ | | | | | \overline{uc} |
| <i>sc</i> | | | | | Ω_c^0 | Ω_c^+ | $\bar{\Omega}_c^-$ | $\bar{\Omega}_c^0$ | | | | | \overline{sc} |
| <i>db</i> | | | | | | Ξ_{bt}^0 | $\bar{\Xi}_{bt}^0$ | | | | | | \overline{db} |
| <i>ub</i> | | | | | | Ξ_{bt}^+ | $\bar{\Xi}_{bt}^-$ | | | | | | \overline{ub} |
| <i>sb</i> | | | | | | Ω_b^0 | $\bar{\Omega}_b^0$ | | | | | | \overline{sb} |
| <i>cb</i> | | | | | | Ω_b^+ | $\bar{\Omega}_b^-$ | | | | | | \overline{cb} |