

Table 1. Characteristics and culture conditions of the eight mosquito cell lines analyzed in this study.

Characteristics and culture conditions of the eight mosquito cell lines analyzed in this study. This table only lists the main name of the cell line but the origins of certain cell lines and tissues throughout the study are further delineated with a suffix of initials of the lab providing the mosquito sample.

| Cell line | Species | Main Media | Approx. growth rate (in main media, +=72hr, ++≈24hr, +++≈24hr) | TC plastic adherence (in main media, +=easy to strip by pipetting, +=harder to strip, +++requires extensive protease treatment) | Historical origin | Citations |
|----------------|---------|-------------------------------------|--|---|-------------------|---|
| Sua5b | AnGam | Shield & Sang M3, 10% FBS | + | +++ | Larvae | Marhoul et al, Trans R Soc Trop Med Hyg. 1972 |
| Mos55 | AnGam | Shield & Sang M3, 10% FBS | +++ | + | Larvae | Muller et al, J Biol Chem. 1999 |
| Aag2 | AeAeg | DMEM high glucose + 5% TPB, 10% FBS | +++ | ++ | Embryos | Lan & Fallon, Am J Trop Med Hyg. 1990 |
| CCL-125 | AeAeg | DMEM low glucose, 20% FBS | + | +++ | Larvae | Wikan et al, J Virol Methods. 2009; Singh, Curr Sci. 1967 |
| C6/36 | AeAlbo | DMEM high glucose, 10% FBS | +++ | + | Larvae | Igarashi, J.Gen Virol, 1978; Singh, Curr Sci. 1967 |
| C7/10 | AeAlbo | Shield & Sang M3, 10% FBS | +++ | + | Larvae | Lan et al, In Vitro Cell Dev Biol Anim. 1993; Igarashi, J.Gen Virol, 1978 |
| U4.4 | AeAlbo | Shield & Sang M3, 10% FBS | +++ | + | Larvae | Condreay & Brown, J Virol. 1986; Igarashi, J.Gen Virol, 1978 |
| Hsu | CuQuin | DMEM low glucose, 20% FBS | + | +++ | Ovaries | Hsu et al, In Vitro Cell Dev Biol Anim. 1993 |