

Table 10: **Tat**

| HXB2 Location | Author Location | Sequence | Immunogen | Species(HLA) | References |
|---------------|-----------------|----------------------|--------------------------------------|---------------------------|--|
| Tat(1–20) | Tat(1–20 LAI) | MEPVDPRLEPWKHPGSQPKT | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |
| Tat(16–35) | Tat(16–35 LAI) | SQPKTACTTCYCKKCCFHCQ | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |
| Tat(17–32) | Tat(17–32) | QPKTACTNCYCKRCCF | HIV-1 infection | human() | [Ranki (1997)] |
| | | | | | <ul style="list-style-type: none"> • T-cell response to this epitope persisted after seroreversion |
| Tat(31–50) | Tat(31–50 LAI) | CFHCQVCFTTKALGISYGRK | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |
| Tat(33–48) | Tat(33–48) | HCQVCFMTKGLGISYG | HIV-1 infection | human() | [Ranki (1997)] |
| | | | | | <ul style="list-style-type: none"> • T-cell response to this epitope persisted after seroreversion |
| Tat(46–65) | Tat(46–65 LAI) | SYGRKKRRQRRRPPQGSQTH | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |
| Tat(61–80) | Tat(61–80 LAI) | GSQTHQVSLSKQPTSQPRGD | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally; rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |
| Tat(67–86) | Tat(67–86 LAI) | VSLSKQPTSQPRGDPTGPKE | Nef, Rev and Tat DNA immunization | murine(H-2 ^d) | [Hinkula (1997)] |
| | | | | | <ul style="list-style-type: none"> • Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein • Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev |