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| HA gene | | | | | | | | | |
| Isolate\_Name | Isolate\_Id | | | Segment\_Id | | | | | |
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| A/canine/Colorado/2025974/2007 | EPI\_ISL\_124090 | | | EPI383599 | | | | | |
| A/canine/Colorado/224766/2006 | EPI\_ISL\_124091 | | | EPI383600 | | | | | |
| A/canine/Colorado/224986/2006 | EPI\_ISL\_87458 | | | EPI307317 | | | | | |
| A/canine/Colorado/231256/2007 | EPI\_ISL\_124092 | | | EPI383601 | | | | | |
| A/canine/Colorado/234550/2009 | EPI\_ISL\_124093 | | | EPI383602 | | | | | |
| A/canine/Colorado/3/2006 | EPI\_ISL\_87460 | | | EPI307319 | | | | | |
| A/canine/Colorado/30604/2006 | EPI\_ISL\_84848 | | | EPI297518 | | | | | |
| A/canine/Colorado/6723-14/2008 | EPI\_ISL\_82077 | | | EPI289522 | | | | | |
| A/canine/Colorado/6723-8/2008 | EPI\_ISL\_79901 | | | EPI281611 | | | | | |
| A/canine/Colorado/850078/2009 | EPI\_ISL\_124094 | | | EPI383603 | | | | | |
| A/canine/Colorado/861142/2010 | EPI\_ISL\_124095 | | | EPI383604 | | | | | |
| A/canine/Colorado/861997/2010 | EPI\_ISL\_124096 | | | EPI383605 | | | | | |
| A/canine/Colorado/863160/2010 | EPI\_ISL\_124097 | | | EPI383606 | | | | | |
| A/canine/Colorado/866907/2010 | EPI\_ISL\_124098 | | | EPI383607 | | | | | |
| A/canine/Colorado/884753/2010 | EPI\_ISL\_124099 | | | EPI383608 | | | | | |
| A/canine/Colorado/886050/2010 | EPI\_ISL\_124100 | | | EPI383609 | | | | | |
| A/canine/Colorado/8880/2006 | EPI\_ISL\_82095 | | | EPI289520 | | | | | |
| A/canine/Connecticut/85863/2011 | EPI\_ISL\_294935 | | | EPI1157841 | | | | | |
| A/canine/CT/85863/2011 | EPI\_ISL\_167698 | | | EPI546819 | | | | | |
| A/canine/Florida/14/2006 | EPI\_ISL\_68224 | | | EPI237566 | | | | | |
| A/canine/Florida/15592.1/2004 | EPI\_ISL\_294945 | | | EPI1157860 | | | | | |
| A/canine/Florida/242/2003 | EPI\_ISL\_9528 | | | EPI98483 | | | | | |
| A/canine/Florida/43/2004 | EPI\_ISL\_9527 | | | EPI98556 | | | | | |
| A/canine/Florida/61156-2/2006 | EPI\_ISL\_79895 | | | EPI281563 | | | | | |
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| A/canine/Florida/78592-6/2006 | EPI\_ISL\_79880 | | | EPI281443 | | | | | |
| A/canine/Florida/78592-7/2006 | EPI\_ISL\_79881 | | | EPI281451 | | | | | |
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| A/canine/Iowa/13628/2005 | EPI\_ISL\_9541 | | | EPI98702 | | | | | |
| A/canine/Kentucky/118778/2006 | EPI\_ISL\_79889 | | | EPI281515 | | | | | |
| A/canine/Maine/058124/2016 | EPI\_ISL\_294942 | | | EPI1157830 | | | | | |
| A/canine/Massachusetts/26810/2016 | EPI\_ISL\_234612 | | | EPI838684 | | | | | |
| A/canine/New York/100525-1/2006 | EPI\_ISL\_79883 | | | EPI281467 | | | | | |
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| A/canine/New York/100528-5/2006 | EPI\_ISL\_79885 | | | EPI281483 | | | | | |
| A/canine/New York/100528-6/2006 | EPI\_ISL\_79886 | | | EPI281491 | | | | | |
| A/canine/New York/115719/2007 | EPI\_ISL\_79896 | | | EPI281571 | | | | | |
| A/canine/New York/115809/2005 | EPI\_ISL\_79864 | | | EPI281315 | | | | | |
| A/canine/New York/12370090/2011 | EPI\_ISL\_124101 | | | EPI383610 | | | | | |
| A/canine/New York/13258337/2011 | EPI\_ISL\_124102 | | | EPI383611 | | | | | |
| A/canine/New York/13453967/2011 | EPI\_ISL\_124103 | | | EPI383612 | | | | | |
| A/canine/New York/13454104/2011 | EPI\_ISL\_124104 | | | EPI383613 | | | | | |
| A/canine/New York/13693247/2011 | EPI\_ISL\_124105 | | | EPI383614 | | | | | |
| A/canine/New York/13752393/2011 | EPI\_ISL\_124106 | | | EPI383615 | | | | | |
| A/canine/New York/13889381/2011 | EPI\_ISL\_124107 | | | EPI383616 | | | | | |
| A/canine/New York/13949306/2011 | EPI\_ISL\_124108 | | | EPI383617 | | | | | |
| A/canine/New York/13949315/2011 | EPI\_ISL\_124109 | | | EPI383618 | | | | | |
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| A/canine/New York/147926-5/2006 | EPI\_ISL\_79888 | | | EPI281507 | | | | | |
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| A/canine/New York/3699/2010 | EPI\_ISL\_294940 | | | EPI1157865 | | | | | |
| A/canine/New York/3821631/2011 | EPI\_ISL\_124110 | | | EPI383619 | | | | | |
| A/canine/New York/4986-2/2006 | EPI\_ISL\_79873 | | | EPI281387 | | | | | |
| A/canine/New York/5183-6/2006 | EPI\_ISL\_79871 | | | EPI281371 | | | | | |
| A/canine/New York/51854/2008 | EPI\_ISL\_79902 | | | EPI281619 | | | | | |
| A/canine/New York/6977983/2010 | EPI\_ISL\_124111 | | | EPI383620 | | | | | |
| A/canine/NY/100525/2006 | EPI\_ISL\_81918 | | | EPI289524 | | | | | |
| A/canine/NY/100528-4/2006 | EPI\_ISL\_81920 | | | EPI289519 | | | | | |
| A/canine/NY/105447/2008 | EPI\_ISL\_174477 | | | EPI576528 | | | | | |
| A/canine/NY/120106.2/2011 | EPI\_ISL\_166503 | | | EPI546815 | | | | | |
| A/canine/NY/133/2010 | EPI\_ISL\_167704 | | | EPI546826 | | | | | |
| A/canine/NY/147926/2006 | EPI\_ISL\_82076 | | | EPI289518 | | | | | |
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| A/canine/NY/dog4c01/2009 | EPI\_ISL\_82013 | | | EPI289584 | | | | | |
| A/canine/NY/dog4c02/2009 | EPI\_ISL\_82011 | | | EPI289585 | | | | | |
| A/canine/NY/dog4c05/2009 | EPI\_ISL\_82122 | | | EPI289586 | | | | | |
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| A/canine/NY/dog4c13/2009 | EPI\_ISL\_82009 | | | EPI289583 | | | | | |
| A/canine/NY/dog4c14/2009 | EPI\_ISL\_82133 | | | EPI289575 | | | | | |
| A/canine/NY/dog4c17/2009 | EPI\_ISL\_82004 | | | EPI289579 | | | | | |
| A/canine/NY/dog4c18/2009 | EPI\_ISL\_82086 | | | EPI289580 | | | | | |
| A/canine/NY/dog4c20/2009 | EPI\_ISL\_82005 | | | EPI289581 | | | | | |
| A/canine/NY/dog5c04/2009 | EPI\_ISL\_82062 | | | EPI289561 | | | | | |
| A/canine/NY/dog6c02/2009 | EPI\_ISL\_82161 | | | EPI289565 | | | | | |
| A/canine/NY/dog6c08/2009 | EPI\_ISL\_82169 | | | EPI289567 | | | | | |
| A/canine/NY/dog6c12/2009 | EPI\_ISL\_82155 | | | EPI289574 | | | | | |
| A/canine/NY/dog6c13/2009 | EPI\_ISL\_82082 | | | EPI289568 | | | | | |
| A/canine/NY/dog6c15/2009 | EPI\_ISL\_82156 | | | EPI289573 | | | | | |
| A/canine/NY/dog6c16/2009 | EPI\_ISL\_82084 | | | EPI289566 | | | | | |
| A/canine/NY/dog6c19/2009 | EPI\_ISL\_82006 | | | EPI289569 | | | | | |
| A/canine/NY/dog8c01/2008 | EPI\_ISL\_81969 | | | EPI289525 | | | | | |
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| A/canine/NY/dog8c06/2008 | EPI\_ISL\_81972 | | | EPI289528 | | | | | |
| A/canine/NY/dog8c07/2008 | EPI\_ISL\_81973 | | | EPI289529 | | | | | |
| A/canine/NY/dog8c13/2008 | EPI\_ISL\_81976 | | | EPI289554 | | | | | |
| A/canine/PA/111788.2/2009 | EPI\_ISL\_166506 | | | EPI546825 | | | | | |
| A/canine/PA/27637.3/2010 | EPI\_ISL\_167697 | | | EPI546818 | | | | | |
| A/canine/PA/33225.4/2010 | EPI\_ISL\_167696 | | | EPI546816 | | | | | |
| A/canine/PA/96978/2009 | EPI\_ISL\_167699 | | | EPI546820 | | | | | |
| A/canine/Pennsylvania/10909/2007 | EPI\_ISL\_79891 | | | EPI281531 | | | | | |
| A/canine/Pennsylvania/10915/2007 | EPI\_ISL\_74767 | | | EPI256924 | | | | | |
| A/canine/Pennsylvania/137154/2008 | EPI\_ISL\_79903 | | | EPI281627 | | | | | |
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| A/canine/Pennsylvania/94930-3/2007 | EPI\_ISL\_79897 | | | EPI281579 | | | | | |
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| A/canine/South Carolina/89215/2009 | EPI\_ISL\_124112 | | | EPI383621 | | | | | |
| A/canine/StatenIs/115719/2007 | EPI\_ISL\_81921 | | | EPI289521 | | | | | |
| A/canine/Sydney/6525/2007 | EPI\_ISL\_63432 | | | EPI221707 | | | | | |
| A/canine/Sydney/6692/2007 | EPI\_ISL\_63433 | | | EPI221710 | | | | | |
| A/canine/Texas/1/2004 | EPI\_ISL\_9535 | | | EPI98568 | | | | | |
| A/canine/Vermont/278213/2013 | EPI\_ISL\_294941 | | | EPI1157894 | | | | | |
| A/canine/Virginia/93653/2009 | EPI\_ISL\_82078 | | | EPI289523 | | | | | |
| A/canine/VT/11039/2013 | EPI\_ISL\_166505 | | | EPI546817 | | | | | |
| A/canine/VT/2782/2013 | EPI\_ISL\_167701 | | | EPI546822 | | | | | |
| A/canine/Wyoming/86033/2007 | EPI\_ISL\_87461 | | | EPI307320 | | | | | |
| A/canine/Wyoming/86955/2007 | EPI\_ISL\_124113 | | | EPI383622 | | | | | |
| A/dog/Jacksonville/C3/2005 | EPI\_ISL\_18419 | | | EPI149074 | | | | | |
| A/dog/Miami/E3/2005 | EPI\_ISL\_18420 | | | EPI149075 | | | | | |
| A/equine/Santiago/1/1985 | EPI\_ISL\_3674 | | | EPI19630 | | | | | |
| A/equine/Kentucky/5/02 | EPI\_ISL\_4663 | | | EPI25742 | | | | | |
| A/equine/Idaho/37875/1991 | EPI\_ISL\_6623 | | | EPI52067 | | | | | |
| A/equine/Kentucky/1/1978 | EPI\_ISL\_8087 | | | EPI77710 | | | | | |
| A/equine/Kentucky/4/1980 | EPI\_ISL\_8088 | | | EPI77729 | | | | | |
| A/equine/California/1/1980 | EPI\_ISL\_8089 | | | EPI77748 | | | | | |
| A/equine/Kentucky/2/1981 | EPI\_ISL\_8090 | | | EPI77767 | | | | | |
| A/equine/Miami/1/1963 | EPI\_ISL\_8092 | | | EPI129722 | | | | | |
| A/equine/Kentucky/pass\_the\_pepper1/1976 | EPI\_ISL\_8093 | | | EPI77824 | | | | | |
| A/equine/Kentucky/bitter\_boredom5/1976 | EPI\_ISL\_8094 | | | EPI77843 | | | | | |
| A/equine/Georgia/1/1981 | EPI\_ISL\_8095 | | | EPI77862 | | | | | |
| A/equine/Georgia/3/1981 | EPI\_ISL\_8096 | | | EPI77881 | | | | | |
| A/equine/Georgia/9/1981 | EPI\_ISL\_8097 | | | EPI77900 | | | | | |
| A/equine/Georgia/10/1981 | EPI\_ISL\_8098 | | | EPI77919 | | | | | |
| A/equine/Georgia/13/1981 | EPI\_ISL\_8099 | | | EPI77938 | | | | | |
| A/equine/Kentucky/magnificent\_genius1/1981 | EPI\_ISL\_8100 | | | EPI77957 | | | | | |
| A/equine/California/103/1982 | EPI\_ISL\_8101 | | | EPI77976 | | | | | |
| A/equine/New York/VR-297/1983 | EPI\_ISL\_8102 | | | EPI77995 | | | | | |
| A/equine/New York/1/1999 | EPI\_ISL\_9531 | | | EPI98554 | | | | | |
| A/equine/Kentucky/5/2002 | EPI\_ISL\_9530 | | | EPI321721 | | | | | |
| A/equine/Ohio/1/2003 | EPI\_ISL\_9534 | | | EPI98560 | | | | | |
| A/equine/Massachussetts/213/2003 | EPI\_ISL\_9529 | | | EPI98562 | | | | | |
| A/equine/New York/452/2003 | EPI\_ISL\_9532 | | | EPI98564 | | | | | |
| A/equine/California/191/2003 | EPI\_ISL\_9533 | | | EPI98566 | | | | | |
| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99376 | | | | | |
| A/equine/Hong Kong/1/92 | EPI\_ISL\_8281 | | | EPI129223 | | | | | |
| A/equine/Argentina/1/93 | EPI\_ISL\_14606 | | | EPI129317 | | | | | |
| A/equine/Florida/1/94 | EPI\_ISL\_1403 | | | EPI6432 | | | | | |
| A/equine/Kentucky/1/90 | EPI\_ISL\_14607 | | | EPI129321 | | | | | |
| A/equine/Florida/1/93 | EPI\_ISL\_14608 | | | EPI129323 | | | | | |
| A/equine/Kentucky/1/92 | EPI\_ISL\_8282 | | | EPI129325 | | | | | |
| A/Equine/Alaska/1/91 | EPI\_ISL\_680 | | | EPI129327 | | | | | |
| A/equine/Uruguay/1/1963 | EPI\_ISL\_21282 | | | EPI154026 | | | | | |
| A/equine/Tennessee/5/1985 | EPI\_ISL\_14704 | | | EPI129736 | | | | | |
| A/equine/Kentucky/2/1986 | EPI\_ISL\_14705 | | | EPI129738 | | | | | |
| A/equine/Kentucky/1/1987 | EPI\_ISL\_14706 | | | EPI129740 | | | | | |
| A/equine/France/1/1976 | EPI\_ISL\_14810 | | | EPI130345 | | | | | |
| A/equine/Kentucky/1/81 | EPI\_ISL\_689 | | | EPI130955 | | | | | |
| A/equine/Kentucky/3/1981 | EPI\_ISL\_15342 | | | EPI133028 | | | | | |
| A/equine/California/83/1982 | EPI\_ISL\_15343 | | | EPI133047 | | | | | |
| A/equine/Kentucky/1/1986 | EPI\_ISL\_15344 | | | EPI133066 | | | | | |
| A/equine/Kentucky/692/1988 | EPI\_ISL\_15345 | | | EPI133104 | | | | | |
| A/equine/Kentucky/694/1988 | EPI\_ISL\_15346 | | | EPI133123 | | | | | |
| A/equine/Kentucky/698/1988 | EPI\_ISL\_15347 | | | EPI133142 | | | | | |
| A/equine/Kentucky/1277/1990 | EPI\_ISL\_15348 | | | EPI133161 | | | | | |
| A/equine/Texas/39655/1991 | EPI\_ISL\_15349 | | | EPI133180 | | | | | |
| A/equine/Kentucky/1/1992 | EPI\_ISL\_15350 | | | EPI133199 | | | | | |
| A/equine/Alaska/29759/1991 | EPI\_ISL\_15351 | | | EPI133218 | | | | | |
| A/equine/Tennessee/5/1986 | EPI\_ISL\_21061 | | | EPI133237 | | | | | |
| A/equine/Kentucky/1/1991 | EPI\_ISL\_15352 | | | EPI133256 | | | | | |
| A/equine/Kentucky/8/1994 | EPI\_ISL\_15353 | | | EPI133275 | | | | | |
| A/equine/New York/1/1983 | EPI\_ISL\_15356 | | | EPI133332 | | | | | |
| A/equine/Kentucky/Rosie100/1981 | EPI\_ISL\_15830 | | | EPI137528 | | | | | |
| A/equine/California/4537/1997 | EPI\_ISL\_15842 | | | EPI137756 | | | | | |
| A/equine/California/8560/2002 | EPI\_ISL\_15843 | | | EPI137775 | | | | | |
| A/equine/Kentucky/2/1987 | EPI\_ISL\_19104 | | | EPI152769 | | | | | |
| A/equine/Kanazawa/1/2007 | EPI\_ISL\_666 | | | EPI153118 | | | | | |
| A/equine/Kentucky/3/1986 | EPI\_ISL\_19663 | | | EPI153850 | | | | | |
| A/equine/Sao Paulo/6/1963 | EPI\_ISL\_19670 | | | EPI153914 | | | | | |
| A/equine/Cordoba/18/1985 | EPI\_ISL\_19671 | | | EPI153922 | | | | | |
| A/equine/Santa Fe/1/1985 | EPI\_ISL\_19672 | | | EPI153930 | | | | | |
| A/equine/Italy/824/1991 | EPI\_ISL\_19673 | | | EPI153938 | | | | | |
| A/equine/Italy/1199/1992 | EPI\_ISL\_19674 | | | EPI153946 | | | | | |
| A/equine/Austria/421/1992 | EPI\_ISL\_19675 | | | EPI153954 | | | | | |
| A/equine/Switzerland/173/1993 | EPI\_ISL\_19676 | | | EPI153962 | | | | | |
| A/equine/Roma/5/1991 | EPI\_ISL\_19677 | | | EPI153970 | | | | | |
| A/equine/Italy/1062/1991 | EPI\_ISL\_19678 | | | EPI153978 | | | | | |
| A/equine/Switzerland/1118/1979 | EPI\_ISL\_19679 | | | EPI153986 | | | | | |
| A/equine/Romania/1/1980 | EPI\_ISL\_19680 | | | EPI153994 | | | | | |
| A/equine/Sao Paulo/1/1969 | EPI\_ISL\_19681 | | | EPI154002 | | | | | |
| A/equine/Fontainbleu/1/1979 | EPI\_ISL\_19682 | | | EPI154010 | | | | | |
| A/equine/Berlin/1/1989 | EPI\_ISL\_19683 | | | EPI154018 | | | | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI154452 | | | | | |
| A/equine/Sussex/93753/89 | EPI\_ISL\_8280 | | | EPI80610 | | | | | |
| A/equine/Kentucky/2/1980 | EPI\_ISL\_20807 | | | EPI156241 | | | | | |
| A/equine/Algiers/1/1972 | EPI\_ISL\_20808 | | | EPI156249 | | | | | |
| A/equine/Johannesburg/1/1986 | EPI\_ISL\_20809 | | | EPI156257 | | | | | |
| A/equine/Guelph/G03-55399/2003 | EPI\_ISL\_20865 | | | EPI156660 | | | | | |
| A/equine/Guelph/G04-54701/2004 | EPI\_ISL\_20866 | | | EPI156661 | | | | | |
| A/equine/Guelph/G03-0250/2003 | EPI\_ISL\_20867 | | | EPI156662 | | | | | |
| A/equine/Guelph/06-28865/2006 | EPI\_ISL\_20868 | | | EPI156663 | | | | | |
| A/equine/Switzerland/2225/1979 | EPI\_ISL\_22611 | | | EPI159272 | | | | | |
| A/equine/France/1/1967 | EPI\_ISL\_22612 | | | EPI159280 | | | | | |
| A/equine/Lonquen/1/2006 | EPI\_ISL\_23100 | | | EPI161638 | | | | | |
| A/equine/Egypt/6066NAMRU3-VSVRI/2008 | EPI\_ISL\_24747 | | | EPI164730 | | | | | |
| A/equine/Sachiyama/1/1971 | EPI\_ISL\_25008 | | | EPI165401 | | | | | |
| A/equine/Newmarket/5/2003 | EPI\_ISL\_75492 | | | EPI261829 | | | | | |
| A/equine/Gansu/7/2008 | EPI\_ISL\_32656 | | | EPI186854 | | | | | |
| A/equine/Hubei/6/2008 | EPI\_ISL\_32657 | | | EPI186862 | | | | | |
| A/equine/Heilongjiang/10/2008 | EPI\_ISL\_32658 | | | EPI186870 | | | | | |
| A/equine/Liaoning/9/2008 | EPI\_ISL\_32659 | | | EPI186878 | | | | | |
| A/equine/Inner Mongolia/8/2008 | EPI\_ISL\_32660 | | | EPI186886 | | | | | |
| A/equine/Qinghai/1/1994 | EPI\_ISL\_32661 | | | EPI186894 | | | | | |
| A/equine/Xinjiang/1/2007 | EPI\_ISL\_32662 | | | EPI186902 | | | | | |
| A/equine/Xinjiang/2/2007 | EPI\_ISL\_32663 | | | EPI186910 | | | | | |
| A/equine/Xinjiang/3/2007 | EPI\_ISL\_32664 | | | EPI186918 | | | | | |
| A/equine/Xinjiang/4/2007 | EPI\_ISL\_32665 | | | EPI186926 | | | | | |
| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186934 | | | | | |
| A/equine/Ibaraki/1/07 | EPI\_ISL\_63503 | | | EPI222039 | | | | | |
| A/equine/Sydney/6085/2007 | EPI\_ISL\_63504 | | | EPI222041 | | | | | |
| A/equine/Bari/2005 | EPI\_ISL\_64877 | | | EPI227206 | | | | | |
| A/TBY/91 | EPI\_ISL\_68837 | | | EPI239827 | | | | | |
| A/equine/Ibadan/6/91 | EPI\_ISL\_68846 | | | EPI239849 | | | | | |
| A/equine/Ibadan/9/91 | EPI\_ISL\_68847 | | | EPI239850 | | | | | |
| A/equine/Kentucky/1/1981 | EPI\_ISL\_68957 | | | EPI240110 | | | | | |
| A/equine/Kentucky/211/1987 | EPI\_ISL\_68958 | | | EPI240118 | | | | | |
| A/equine/Romania/1980 | EPI\_ISL\_68961 | | | EPI240127 | | | | | |
| A/equine/Suffolk/89 | EPI\_ISL\_68962 | | | EPI240128 | | | | | |
| A/equine/Hokkaido/I828/2008 | EPI\_ISL\_69119 | | | EPI240682 | | | | | |
| A/equine/Yokohama/aq19/2009 | EPI\_ISL\_69743 | | | EPI241775 | | | | | |
| A/equine/Algiers/1972 | EPI\_ISL\_69895 | | | EPI242347 | | | | | |
| A/equine/Fontainebleau/1976 | EPI\_ISL\_69896 | | | EPI242348 | | | | | |
| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242353 | | | | | |
| A/equine/Miami/1963 | EPI\_ISL\_69900 | | | EPI242359 | | | | | |
| A/equine/New Market/1976 | EPI\_ISL\_69901 | | | EPI242360 | | | | | |
| A/equine/Tokyo/1971 | EPI\_ISL\_69906 | | | EPI242371 | | | | | |
| A/equine/Huabei/1/2007 | EPI\_ISL\_70195 | | | EPI243547 | | | | | |
| A/equine/Almaty/26/2007 | EPI\_ISL\_71977 | | | EPI250068 | | | | | |
| A/equine/Ahmedabad/1/2009 | EPI\_ISL\_74364 | | | EPI255566 | | | | | |
| A/equine/Mysore/1/2008 | EPI\_ISL\_74367 | | | EPI255570 | | | | | |
| A/equine/Katra-Jammu/6/2008 | EPI\_ISL\_154972 | | | EPI265942 | | | | | |
| A/equine/Texas/117793/2005 | EPI\_ISL\_79867 | | | EPI281339 | | | | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281331 | | | | | |
| A/equine/Ohio/113461-1/2005 | EPI\_ISL\_79869 | | | EPI281355 | | | | | |
| A/equine/Ohio/113461-3/2005 | EPI\_ISL\_79870 | | | EPI281363 | | | | | |
| A/equine/Montana/9233/2007 | EPI\_ISL\_79893 | | | EPI281547 | | | | | |
| A/equine/Virginia/131054-3/2005 | EPI\_ISL\_79899 | | | EPI281595 | | | | | |
| A/equine/New York/146066/2007 | EPI\_ISL\_79900 | | | EPI281603 | | | | | |
| A/equine/Spain/1/2007 | EPI\_ISL\_81729 | | | EPI288543 | | | | | |
| A/equine/Colorado/10/2007 | EPI\_ISL\_87462 | | | EPI307321 | | | | | |
| A/equine/Florida/612/2004 | EPI\_ISL\_89154 | | | EPI314107 | | | | | |
| A/equine/Florida/779/2004 | EPI\_ISL\_89155 | | | EPI314110 | | | | | |
| A/equine/Otar/764/2007 | EPI\_ISL\_89156 | | | EPI314112 | | | | | |
| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172954 | | | | | |
| A/equine/Tottori/1/07 | EPI\_ISL\_89221 | | | EPI314449 | | | | | |
| A/equine/Tokyo/2/1971 | EPI\_ISL\_95197 | | | EPI332914 | | | | | |
| A/equine/Donegal/1/2007 | EPI\_ISL\_100144 | | | EPI347149 | | | | | |
| A/equine/Meath/1/2007 | EPI\_ISL\_100145 | | | EPI347150 | | | | | |
| A/equine/Kildare/1/2007 | EPI\_ISL\_100146 | | | EPI347151 | | | | | |
| A/equine/Down/1/2008 | EPI\_ISL\_100147 | | | EPI347152 | | | | | |
| A/equine/Donegal/1/2009 | EPI\_ISL\_100148 | | | EPI347153 | | | | | |
| A/equine/Limerick/1/2010 | EPI\_ISL\_100150 | | | EPI347155 | | | | | |
| A/equine/Carlow/1/2009 | EPI\_ISL\_100151 | | | EPI347156 | | | | | |
| A/equine/Heilongjiang/1/2010 | EPI\_ISL\_103105 | | | EPI352393 | | | | | |
| A/equine/Nador/1/1997 | EPI\_ISL\_119931 | | | EPI372051 | | | | | |
| A/equine/Essaouira/2/2004 | EPI\_ISL\_119932 | | | EPI372053 | | | | | |
| A/equine/Yokohama/aq5/2011 | EPI\_ISL\_121370 | | | EPI376180 | | | | | |
| A/equine/Yokohama/aq29/2011 | EPI\_ISL\_121371 | | | EPI376182 | | | | | |
| A/equine/Yokohama/aq53/2011 | EPI\_ISL\_121372 | | | EPI376184 | | | | | |
| A/equine/Yokohama/aq79/2011 | EPI\_ISL\_121373 | | | EPI376186 | | | | | |
| A/equine/Mongolia/3/2011 | EPI\_ISL\_129371 | | | EPI395970 | | | | | |
| A/equine/Mongolia/20/2011 | EPI\_ISL\_129372 | | | EPI395971 | | | | | |
| A/equine/Mongolia/56/2011 | EPI\_ISL\_129373 | | | EPI395973 | | | | | |
| A/equine/Kyonggi/SA1/2011 | EPI\_ISL\_129971 | | | EPI398887 | | | | | |
| A/equine/Tiaret/1/2011 | EPI\_ISL\_144944 | | | EPI465042 | | | | | |
| A/equine/Tiaret/2/2011 | EPI\_ISL\_144945 | | | EPI465043 | | | | | |
| A/equine/Tiaret/3/2011 | EPI\_ISL\_144946 | | | EPI465044 | | | | | |
| A/equine/Tiaret/4/2011 | EPI\_ISL\_144947 | | | EPI465045 | | | | | |
| A/equine/Tiaret/5/2011 | EPI\_ISL\_144948 | | | EPI465046 | | | | | |
| A/equine/Tiaret/6/2011 | EPI\_ISL\_144949 | | | EPI465047 | | | | | |
| A/equine/Tiaret/7/2011 | EPI\_ISL\_144950 | | | EPI465048 | | | | | |
| A/equine/Tiaret/8/2011 | EPI\_ISL\_144951 | | | EPI465049 | | | | | |
| A/equine/Tiaret/9/2011 | EPI\_ISL\_144952 | | | EPI465050 | | | | | |
| A/equine/Tiaret/10/2011 | EPI\_ISL\_144953 | | | EPI465051 | | | | | |
| A/equine/Xuzhou/01/2013 | EPI\_ISL\_151130 | | | EPI489630 | | | | | |
| A/equine/Ayrshire/1/2013 | EPI\_ISL\_151796 | | | EPI492691 | | | | | |
| A/equine/Hertfordshire/1/2013 | EPI\_ISL\_151797 | | | EPI492692 | | | | | |
| A/equine/Northamptonshire/1/2013 | EPI\_ISL\_151841 | | | EPI492817 | | | | | |
| A/equine/Shropshire/1/2013 | EPI\_ISL\_151842 | | | EPI492818 | | | | | |
| A/equine/Shropshire/2/2013 | EPI\_ISL\_151843 | | | EPI492819 | | | | | |
| A/equine/Worcestershire/1/2013 | EPI\_ISL\_151845 | | | EPI492821 | | | | | |
| A/equine/Warwickshire/1/2013 | EPI\_ISL\_151846 | | | EPI492822 | | | | | |
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| A/equine/Lincolnshire/1/2013 | EPI\_ISL\_151848 | | | EPI492824 | | | | | |
| A/equine/Lanarkshire/1/2013 | EPI\_ISL\_151981 | | | EPI493612 | | | | | |
| A/equine/Lanarkshire/2/2013 | EPI\_ISL\_151982 | | | EPI493614 | | | | | |
| A/equine/Northamptonshire/7/2013 | EPI\_ISL\_151984 | | | EPI493616 | | | | | |
| A/eqine/Shropshire/5/2013 | EPI\_ISL\_151985 | | | EPI493619 | | | | | |
| A/equine/Shropshire/8/2013 | EPI\_ISL\_151986 | | | EPI493622 | | | | | |
| A/equine/Heilongjiang/SS1/2013 | EPI\_ISL\_161474 | | | EPI527593 | | | | | |
| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542619 | | | | | |
| A/equine/FL/146609/2011 | EPI\_ISL\_167702 | | | EPI546823 | | | | | |
| A/equine/OR/78356/2012 | EPI\_ISL\_167703 | | | EPI546824 | | | | | |
| A/equine/Baizak/09/2012 | EPI\_ISL\_170787 | | | EPI558694 | | | | | |
| A/equine/LKZ/09/2012 | EPI\_ISL\_170788 | | | EPI558696 | | | | | |
| A/equine/Matybulak/10/2012 | EPI\_ISL\_170789 | | | EPI558697 | | | | | |
| A/equine/Kostanay/09/2012 | EPI\_ISL\_170790 | | | EPI558698 | | | | | |
| A/equine/Guangxi/1/2008 | EPI\_ISL\_174545 | | | EPI573752 | | | | | |
| A/equine/Switzerland/P112/07 | EPI\_ISL\_177468 | | | EPI584116 | | | | | |
| A/equine/Lincolnshire/06 | EPI\_ISL\_177471 | | | EPI584127 | | | | | |
| A/equine/Cheshire/06 | EPI\_ISL\_177472 | | | EPI584135 | | | | | |
| A/equine/Moulton/98 | EPI\_ISL\_177487 | | | EPI584173 | | | | | |
| A/equine/Snailwell/98 | EPI\_ISL\_177489 | | | EPI584187 | | | | | |
| A/equine/Lanarkshire/09 | EPI\_ISL\_177490 | | | EPI584195 | | | | | |
| A/equine/Dorset/09 | EPI\_ISL\_177491 | | | EPI584203 | | | | | |
| A/equine/Perthshire/3/09 | EPI\_ISL\_177492 | | | EPI584211 | | | | | |
| A/equine/Yorkshire/3/09 | EPI\_ISL\_156745 | | | EPI584219 | | | | | |
| A/equine/Shropshire/10 | EPI\_ISL\_156748 | | | EPI584227 | | | | | |
| A/equine/East Renfrewshire/2/11 | EPI\_ISL\_156750 | | | EPI584236 | | | | | |
| A/equine/Devon/1/11 | EPI\_ISL\_156749 | | | EPI584244 | | | | | |
| A/equine/California/1/10 | EPI\_ISL\_177498 | | | EPI584270 | | | | | |
| A/equine/Kentucky/1/11 | EPI\_ISL\_177500 | | | EPI584278 | | | | | |
| A/equine/Dubai/1/12 | EPI\_ISL\_177501 | | | EPI584286 | | | | | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584295 | | | | | |
| A/Equine/Sweden/SVA111206SZ0085/VIR165837/2011 | EPI\_ISL\_180684 | | | EPI594013 | | | | | |
| A/Equine/Sweden/SVA111206SZ0085VIR165837/2011 | EPI\_ISL\_190419 | | | EPI620254 | | | | | |
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| A/Equine/Sweden/SVA111209SZ0099VIR169122/2011 | EPI\_ISL\_190424 | | | EPI620264 | | | | | |
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| A/Equine/Sweden/SVA111209SZ0099VIR169132/2011 | EPI\_ISL\_190429 | | | EPI620274 | | | | | |
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| A/Equine/Sweden/SVA111128SZ0073VIR175146/2011 | EPI\_ISL\_190440 | | | EPI620296 | | | | | |
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| A/equine/Jammu and Kashmir/CMVL-LEH4/2008 | EPI\_ISL\_190902 | | | EPI621730 | | | | | |
| A/equine/Jammu and Kashmir/CMVL-LEH6/2008 | EPI\_ISL\_190903 | | | EPI621736 | | | | | |
| A/equine/Himachal Pradesh/CMVL-YOL2/2008 | EPI\_ISL\_190904 | | | EPI621743 | | | | | |
| A/equine/South Lanarkshire/1/2015 | EPI\_ISL\_195790 | | | EPI643192 | | | | | |
| A/equine/Pulawy/1/2008 | EPI\_ISL\_168012 | | | EPI647558 | | | | | |
| A/equine/West Midlands/1/2015 | EPI\_ISL\_197571 | | | EPI650051 | | | | | |
| A/equine/Lanarkshire/2/2015 | EPI\_ISL\_197572 | | | EPI650053 | | | | | |
| A/equine/Tyne&Wear/1/2015 | EPI\_ISL\_197574 | | | EPI650056 | | | | | |
| A/equine/Tyne&Wear/2/2015 | EPI\_ISL\_197573 | | | EPI651395 | | | | | |
| A/equine/Buckinghamshire/1/2014 | EPI\_ISL\_197753 | | | EPI651398 | | | | | |
| A/Equine/Malaysia/M201-1/2015 | EPI\_ISL\_200992 | | | EPI669718 | | | | | |
| A/Equine/Malaysia/M201-2/2015 | EPI\_ISL\_200993 | | | EPI669719 | | | | | |
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| A/equine/Malaysia/M201-2/2015 | EPI\_ISL\_200993 | | | EPI669719 | | | | | |
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| A/equine/East Sussex/1/2015 | EPI\_ISL\_201992 | | | EPI673532 | | | | | |
| A/equine/Norfolk/1/2015 | EPI\_ISL\_205763 | | | EPI686736 | | | | | |
| A/equine/North Yorkshire/1/2015 | EPI\_ISL\_205764 | | | EPI686738 | | | | | |
| A/equine/Northamptonshire/2/2015 | EPI\_ISL\_205765 | | | EPI686740 | | | | | |
| A/equine/Leicestershire/1/2015 | EPI\_ISL\_205957 | | | EPI687475 | | | | | |
| A/Equine/Kentucky/1/2014 | EPI\_ISL\_206059 | | | EPI687835 | | | | | |
| A/equine/North Yorkshire/2/2015 | EPI\_ISL\_207225 | | | EPI694841 | | | | | |
| A/equine/Scottish Borders/3/2015 | EPI\_ISL\_212044 | | | EPI710985 | | | | | |
| A/equine/Tennessee/28A/2014 | EPI\_ISL\_220480 | | | EPI753425 | | | | | |
| A/equine/Tennessee/4A/2014 | EPI\_ISL\_220481 | | | EPI753433 | | | | | |
| A/equine/Tennessee/30A/2014 | EPI\_ISL\_220482 | | | EPI753439 | | | | | |
| A/equine/Tennessee/28B/2014 | EPI\_ISL\_220484 | | | EPI753451 | | | | | |
| A/equine/Tennessee/29A/2014 | EPI\_ISL\_220485 | | | EPI753457 | | | | | |
| A/equine/Tennessee/27A/2014 | EPI\_ISL\_220483 | | | EPI753470 | | | | | |
| A/equine/Kent/1/2016 | EPI\_ISL\_224527 | | | EPI773589 | | | | | |
| A/equine/Hampshire/3/2016 | EPI\_ISL\_231828 | | | EPI824114 | | | | | |
| A/equine/Ayrshire/2/2013 | EPI\_ISL\_234614 | | | EPI838696 | | | | | |
| A/equine/Northamptonshire/3/2013 | EPI\_ISL\_234617 | | | EPI838702 | | | | | |
| A/equine/Northamptonshire/5/2013 | EPI\_ISL\_234645 | | | EPI838916 | | | | | |
| A/Lincolnshire/1/2013 | EPI\_ISL\_234646 | | | EPI838918 | | | | | |
| A/equine/West Lothian/1/2014 | EPI\_ISL\_234908 | | | EPI839642 | | | | | |
| A/equine/Perthshire/1/2014 | EPI\_ISL\_234911 | | | EPI839711 | | | | | |
| A/equine/Staffordshire/1/2014 | EPI\_ISL\_234912 | | | EPI839713 | | | | | |
| A/equine/Scottish Borders/1/2014 | EPI\_ISL\_234913 | | | EPI839715 | | | | | |
| A/equine/Perthshire/2/2014 | EPI\_ISL\_234914 | | | EPI839717 | | | | | |
| A/equine/Worcestershire/2/2014 | EPI\_ISL\_234915 | | | EPI839719 | | | | | |
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| A/equine/West Midlands/1/2014 | EPI\_ISL\_234917 | | | EPI839723 | | | | | |
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| A/equine/Northamptonshire/4/2015 | EPI\_ISL\_234922 | | | EPI839821 | | | | | |
| A/equine/Argentina/E37-2/1993 | EPI\_ISL\_237063 | | | EPI855151 | | | | | |
| A/equine/Argentina/E37-18/1993 | EPI\_ISL\_237064 | | | EPI855152 | | | | | |
| A/equine/Argentina/E41-2/1993 | EPI\_ISL\_237065 | | | EPI855153 | | | | | |
| A/equine/Argentina/E131/1994 | EPI\_ISL\_237066 | | | EPI855154 | | | | | |
| A/equine/Argentina/E226/1995 | EPI\_ISL\_237067 | | | EPI855155 | | | | | |
| A/equine/Argentina/E433/1997 | EPI\_ISL\_237068 | | | EPI855156 | | | | | |
| A/equine/Argentina/E750/1999 | EPI\_ISL\_237069 | | | EPI855157 | | | | | |
| A/equine/Argentina/E1134-7/2001 | EPI\_ISL\_237070 | | | EPI855158 | | | | | |
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| A/equine/Argentina/E2345-5/2012 | EPI\_ISL\_237072 | | | EPI855160 | | | | | |
| A/equine/Argentina/E2357/2012 | EPI\_ISL\_237073 | | | EPI855161 | | | | | |
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| A/equine/Argentina/E4581-3/2004 | EPI\_ISL\_237076 | | | EPI855164 | | | | | |
| A/equine/Argentina/E3146-1/2012 | EPI\_ISL\_237077 | | | EPI855165 | | | | | |
| A/equine/Argentina/E6189-3/2005 | EPI\_ISL\_237078 | | | EPI855166 | | | | | |
| A/equine/Argentina/E6424-2/2005 | EPI\_ISL\_237079 | | | EPI855167 | | | | | |
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| A/equine/Argentina/E2397-3/2012 | EPI\_ISL\_237081 | | | EPI855169 | | | | | |
| A/equine/Uruguay/E1918-1/2012 | EPI\_ISL\_237082 | | | EPI855170 | | | | | |
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| A/Equine/East Sussex/1/2015 | EPI\_ISL\_201992 | | | EPI673532 | | | | | |
| A/Equine/Kent/1/15 | EPI\_ISL\_240663 | | | EPI873593 | | | | | |
| A/Equine/South Africa/4/03 | EPI\_ISL\_240665 | | | EPI873601 | | | | | |
| A/Equine/Hampshire/4/2016 | EPI\_ISL\_240664 | | | EPI957606 | | | | | |
| A/Equine/Kent/1/16 | EPI\_ISL\_255630 | | | EPI957608 | | | | | |
| A/Equine/Fife/1/16 | EPI\_ISL\_255632 | | | EPI957622 | | | | | |
| A/Equine/Stirlingshire/1/16 | EPI\_ISL\_255633 | | | EPI957634 | | | | | |
| A/Equine/Lancashire/1/16 | EPI\_ISL\_255635 | | | EPI957669 | | | | | |
| A/Equine/Gloucestershire/2/16 | EPI\_ISL\_255686 | | | EPI957813 | | | | | |
| A/Equine/Gloucestershire/3/16 | EPI\_ISL\_255687 | | | EPI957816 | | | | | |
| A/equine/France/1/1973 | EPI\_ISL\_257658 | | | EPI968999 | | | | | |
| A/equine/Chantilly/1/1975 | EPI\_ISL\_257659 | | | EPI969000 | | | | | |
| A/equine/Marseille/1/1979 | EPI\_ISL\_257660 | | | EPI969001 | | | | | |
| A/equine/Bordeaux/1/1983 | EPI\_ISL\_257661 | | | EPI969002 | | | | | |
| A/equine/Fontainebleau/1/1983 | EPI\_ISL\_257662 | | | EPI969003 | | | | | |
| A/equine/Blois/1/1983 | EPI\_ISL\_257663 | | | EPI969004 | | | | | |
| A/equine/Grosbois/1/1984 | EPI\_ISL\_257664 | | | EPI969005 | | | | | |
| A/equine/France/1/1985 | EPI\_ISL\_257665 | | | EPI969006 | | | | | |
| A/equine/France/2/1985 | EPI\_ISL\_257666 | | | EPI969007 | | | | | |
| A/equine/France/3/1985 | EPI\_ISL\_257667 | | | EPI969008 | | | | | |
| A/equine/France/1/1986 | EPI\_ISL\_257668 | | | EPI969009 | | | | | |
| A/equine/France/1/1987 | EPI\_ISL\_257669 | | | EPI969010 | | | | | |
| A/equine/France/1/1991 | EPI\_ISL\_257670 | | | EPI969011 | | | | | |
| A/equine/Grosbois/1/1993 | EPI\_ISL\_257671 | | | EPI969012 | | | | | |
| A/equine/Grosbois/1/1997 | EPI\_ISL\_257672 | | | EPI969013 | | | | | |
| A/equine/Grosbois/1/1999 | EPI\_ISL\_257673 | | | EPI969014 | | | | | |
| A/equine/Grosbois/2/1999 | EPI\_ISL\_257674 | | | EPI969015 | | | | | |
| A/equine/Cagnes-sur-Mer/2/2000 | EPI\_ISL\_257675 | | | EPI969016 | | | | | |
| A/equine/Grosbois/1/2003 | EPI\_ISL\_257676 | | | EPI969017 | | | | | |
| A/equine/Belfond/6-2/2009 | EPI\_ISL\_257677 | | | EPI969018 | | | | | |
| A/equine/Cagnes-sur-Mer/2/2011 | EPI\_ISL\_257678 | | | EPI969019 | | | | | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969020 | | | | | |
| A/equine/Cambremer/1/2012 | EPI\_ISL\_257680 | | | EPI969021 | | | | | |
| A/equine/Ain/1/2014 | EPI\_ISL\_257681 | | | EPI969022 | | | | | |
| A/equine/Gironde/1/2014 | EPI\_ISL\_257682 | | | EPI969023 | | | | | |
| A/equine/Saone-et-Loire/1/2015 | EPI\_ISL\_257683 | | | EPI969024 | | | | | |
| A/equine/Yokohama/aq100/2017 | EPI\_ISL\_263486 | | | EPI998471 | | | | | |
| A/equine/Sao Paulo/16.19/2012 | EPI\_ISL\_279063 | | | EPI1065020 | | | | | |
| A/equine/Sao Paulo/24.19/2012 | EPI\_ISL\_279064 | | | EPI1065021 | | | | | |
| A/equine/Sao Paulo/1.19/2012 | EPI\_ISL\_279065 | | | EPI1065022 | | | | | |
| A/equine/Ankara/1/2013 | EPI\_ISL\_281349 | | | EPI1076906 | | | | | |
| A/donkey/Shandong/1/2017 | EPI\_ISL\_284681 | | | EPI1098480 | | | | | |
| A/equine/Montana/9564-1/2015 | EPI\_ISL\_285417 | | | EPI1103408 | | | | | |
| A/equine/Sao\_Paulo/8.FMVZ/2015 | EPI\_ISL\_285498 | | | EPI1103598 | | | | | |
| A/equine/Sao\_Paulo/10.FMVZ/2015 | EPI\_ISL\_285491 | | | EPI1103583 | | | | | |
| A/equine/Sao\_Paulo/11.FMVZ/2015 | EPI\_ISL\_285492 | | | EPI1103584 | | | | | |
| A/equine/Sao\_Paulo/12.FMVZ/2015 | EPI\_ISL\_285493 | | | EPI1103585 | | | | | |
| A/equine/Sao\_Paulo/15.FMVZ/2015 | EPI\_ISL\_285500 | | | EPI1103606 | | | | | |
| A/equine/Sao\_Paulo/25.FMVZ/2015 | EPI\_ISL\_285495 | | | EPI1103587 | | | | | |
| A/equine/Sao\_Paulo/32.FMVZ/2015 | EPI\_ISL\_285497 | | | EPI1103589 | | | | | |
| A/equine/Georgia/121362-16/2016 | EPI\_ISL\_294939 | | | EPI1157812 | | | | | |
| A/equine/New York/135857/2016 | EPI\_ISL\_294936 | | | EPI1157856 | | | | | |
| A/equine/Oregon/78356/2012 | EPI\_ISL\_294934 | | | EPI1157878 | | | | | |
| A/equine/Florida/146609/2011 | EPI\_ISL\_294944 | | | EPI1157899 | | | | | |
| A/equine/Ibaraki/1/2007 | EPI\_ISL\_297956 | | | EPI1172962 | | | | | |
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| A/canine/California/70645-4/2006 | EPI\_ISL\_79878 | | | EPI281430 | |
| A/canine/Colorado/17864/2006 | EPI\_ISL\_79875 | | | EPI281406 | |
| A/canine/Colorado/17864/2006 | EPI\_ISL\_79875 | | | EPI281406 | |
| A/canine/Colorado/30604/2006 | EPI\_ISL\_79877 | | | EPI281422 | |
| A/canine/Colorado/6723-14/2008 | EPI\_ISL\_82077 | | | EPI289859 | |
| A/canine/Colorado/6723-8/2008 | EPI\_ISL\_79901 | | | EPI281614 | |
| A/canine/Colorado/6723-8/2008 | EPI\_ISL\_79901 | | | EPI281614 | |
| A/canine/Colorado/8880/2006 | EPI\_ISL\_82095 | | | EPI289858 | |
| A/canine/Colorado/8880/2006 | EPI\_ISL\_82095 | | | EPI289858 | |
| A/canine/Connecticut/85863/2011 | EPI\_ISL\_294935 | | | EPI1157821 | |
| A/canine/CT/85863/2011 | EPI\_ISL\_167698 | | | EPI546833 | |
| A/canine/Florida/15592.1/2004 | EPI\_ISL\_294945 | | | EPI1157843 | |
| A/canine/Florida/242/2003 | EPI\_ISL\_9528 | | | EPI98489 | |
| A/canine/Florida/43/2004 | EPI\_ISL\_9527 | | | EPI98471 | |
| A/canine/Florida/61156-2/2006 | EPI\_ISL\_79895 | | | EPI281566 | |
| A/canine/Florida/61156-2/2006 | EPI\_ISL\_79895 | | | EPI281566 | |
| A/canine/Florida/78592-2/2006 | EPI\_ISL\_79879 | | | EPI281438 | |
| A/canine/Florida/78592-6/2006 | EPI\_ISL\_79880 | | | EPI281446 | |
| A/canine/Florida/78592-7/2006 | EPI\_ISL\_79881 | | | EPI281454 | |
| A/canine/Florida/89911-2/2006 | EPI\_ISL\_79882 | | | EPI281462 | |
| A/canine/Jacksonville/2005 | EPI\_ISL\_64818 | | | EPI226911 | |
| A/canine/Kentucky/118778/2006 | EPI\_ISL\_79889 | | | EPI281518 | |
| A/canine/Maine/058124/2016 | EPI\_ISL\_294942 | | | EPI1157896 | |
| A/canine/Massachusetts/26810/2016 | EPI\_ISL\_234612 | | | EPI839089 | |
| A/canine/Miami/2005 | EPI\_ISL\_64819 | | | EPI226917 | |
| A/canine/New York/100525-1/2006 | EPI\_ISL\_79883 | | | EPI281470 | |
| A/canine/New York/100528-1/2006 | EPI\_ISL\_79884 | | | EPI281478 | |
| A/canine/New York/100528-5/2006 | EPI\_ISL\_79885 | | | EPI281486 | |
| A/canine/New York/100528-6/2006 | EPI\_ISL\_79886 | | | EPI281494 | |
| A/canine/New York/115719/2007 | EPI\_ISL\_79896 | | | EPI281574 | |
| A/canine/New York/115809/2005 | EPI\_ISL\_79864 | | | EPI281318 | |
| A/canine/New York/145353/2008 | EPI\_ISL\_79904 | | | EPI281638 | |
| A/canine/New York/147926-3/2006 | EPI\_ISL\_79887 | | | EPI281502 | |
| A/canine/New York/147926-5/2006 | EPI\_ISL\_79888 | | | EPI281510 | |
| A/canine/New York/158402-1/2008 | EPI\_ISL\_79905 | | | EPI281646 | |
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| A/canine/New York/1623.1/2010 | EPI\_ISL\_294943 | | | EPI1157869 | |
| A/canine/New York/3699/2010 | EPI\_ISL\_294940 | | | EPI1157890 | |
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| A/canine/New York/51854/2008 | EPI\_ISL\_79902 | | | EPI281622 | |
| A/canine/NY/100525/2006 | EPI\_ISL\_81918 | | | EPI288998 | |
| A/canine/NY/100528-4/2006 | EPI\_ISL\_81920 | | | EPI289000 | |
| A/canine/NY/105447/2008 | EPI\_ISL\_174477 | | | EPI576531 | |
| A/canine/NY/120106.2/2011 | EPI\_ISL\_166503 | | | EPI546829 | |
| A/canine/NY/133/2010 | EPI\_ISL\_167704 | | | EPI546840 | |
| A/canine/NY/147926/2006 | EPI\_ISL\_82076 | | | EPI289862 | |
| A/canine/NY/159903/2012 | EPI\_ISL\_167700 | | | EPI546835 | |
| A/canine/NY/1623.1/2010 | EPI\_ISL\_167705 | | | EPI546841 | |
| A/canine/NY/3699/2010 | EPI\_ISL\_167706 | | | EPI546842 | |
| A/canine/NY/4986/2006 | EPI\_ISL\_81919 | | | EPI288999 | |
| A/canine/NY/dog1c01/2009 | EPI\_ISL\_82037 | | | EPI289117 | |
| A/canine/NY/dog1c02/2009 | EPI\_ISL\_82031 | | | EPI289111 | |
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| A/canine/NY/dog1c08/2009 | EPI\_ISL\_82038 | | | EPI289118 | |
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| A/canine/NY/dog1c15/2009 | EPI\_ISL\_82025 | | | EPI289105 | |
| A/canine/NY/dog1c16/2009 | EPI\_ISL\_82054 | | | EPI289134 | |
| A/canine/NY/dog1c17/2009 | EPI\_ISL\_82026 | | | EPI289106 | |
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| A/canine/NY/dog1c19/2009 | EPI\_ISL\_82028 | | | EPI289108 | |
| A/canine/NY/dog21c07/2009 | EPI\_ISL\_81928 | | | EPI289008 | |
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| A/canine/NY/dog21c16/2009 | EPI\_ISL\_81924 | | | EPI289004 | |
| A/canine/NY/dog21c19/2009 | EPI\_ISL\_81925 | | | EPI289005 | |
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| A/canine/NY/dog22c20/2009 | EPI\_ISL\_81931 | | | EPI289011 | |
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| A/eq/LaPlata/93 | EPI\_ISL\_68814 | | | EPI239729 | |
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| A/equine/Dubai/1/12 | EPI\_ISL\_177501 | | | EPI584289 | |
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| A/Equine/Gloucestershire/3/16 | EPI\_ISL\_255687 | | | EPI957818 | |
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| A/equine/Heilongjiang/SS1/2013 | EPI\_ISL\_161474 | | | EPI527594 | |
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| A/equine/Hissar/CMVL-HSR4/2008 | EPI\_ISL\_190901 | | | EPI621727 | |
| A/equine/Hokkaido/I828/2008 | EPI\_ISL\_69119 | | | EPI240685 | |
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| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242356 | |
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| A/equine/Massachussetts/213/2003 | EPI\_ISL\_9529 | | | EPI98495 | |
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| A/equine/Mongolia/56/2011 | EPI\_ISL\_129373 | | | EPI395972 | |
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| A/equine/Mysore/12/2008 | EPI\_ISL\_84310 | | | EPI296142 | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969063 | |
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| A/equine/Pulawy/1/2005 | EPI\_ISL\_64878 | | | EPI986873 | |
| A/equine/Pulawy/1/2006 | EPI\_ISL\_64366 | | | EPI986874 | |
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| A/equine/Richmond/1/2007 | EPI\_ISL\_153499 | | | EPI501400 | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584298 | |
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| A/equine/Saone-et-Loire/1/2015 | EPI\_ISL\_257683 | | | EPI969062 | |
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| A/equine/Solihull/1/2007 | EPI\_ISL\_29847 | | | EPI341900 | |
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| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542624 | |
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| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99382 | |
| A/equine/Xinjiang/1/2007 | EPI\_ISL\_32662 | | | EPI186905 | |
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| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186937 | |
| A/equine/Xuzhou/01/2013 | EPI\_ISL\_151130 | | | EPI489631 | |
| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172957 | |
| A/equine/Yokohama/aq19/2009 | EPI\_ISL\_69743 | | | EPI241776 | |
| A/equine/Yorkshire/3/09 | EPI\_ISL\_156745 | | | EPI584222 | |
| A/equine/Yvelines/2136/89 | EPI\_ISL\_679 | | | EPI3602 | |
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| A/canine/Colorado/6723-8/2008 | EPI\_ISL\_79901 | | | EPI281613 | | |
| A/canine/Colorado/8880/2006 | EPI\_ISL\_79874 | | | EPI281397 | | |
| A/canine/Connecticut/85863/2011 | EPI\_ISL\_294935 | | | EPI1157806 | | |
| A/canine/Florida/15592.1/2004 | EPI\_ISL\_294945 | | | EPI1157852 | | |
| A/canine/Florida/242/2003 | EPI\_ISL\_9528 | | | EPI98487 | | |
| A/canine/Florida/43/2004 | EPI\_ISL\_9527 | | | EPI98469 | | |
| A/canine/Florida/61156-2/2006 | EPI\_ISL\_79895 | | | EPI281565 | | |
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| A/canine/Florida/78592-6/2006 | EPI\_ISL\_79880 | | | EPI281445 | | |
| A/canine/Florida/78592-7/2006 | EPI\_ISL\_79881 | | | EPI281453 | | |
| A/canine/Florida/89911-2/2006 | EPI\_ISL\_79882 | | | EPI281461 | | |
| A/canine/Iowa/13628/2005 | EPI\_ISL\_9541 | | | EPI98704 | | |
| A/canine/Kentucky/118778/2006 | EPI\_ISL\_79889 | | | EPI281517 | | |
| A/canine/Maine/058124/2016 | EPI\_ISL\_294942 | | | EPI1157864 | | |
| A/canine/Massachusetts/26810/2016 | EPI\_ISL\_234612 | | | EPI839121 | | |
| A/canine/New York/100525-1/2006 | EPI\_ISL\_79883 | | | EPI281469 | | |
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| A/canine/New York/145353/2008 | EPI\_ISL\_79904 | | | EPI281637 | | |
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| A/canine/New York/1623.1/2010 | EPI\_ISL\_294943 | | | EPI1157874 | | |
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| A/canine/NY/dog3c02/2009 | EPI\_ISL\_82176 | | | EPI289483 | | |
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| A/canine/NY/dog3c11/2009 | EPI\_ISL\_82055 | | | EPI289497 | | |
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| A/canine/NY/dog3c16/2009 | EPI\_ISL\_82180 | | | EPI289495 | | |
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| A/canine/NY/dog4c20/2009 | EPI\_ISL\_82005 | | | EPI289491 | | |
| A/canine/NY/dog4c7/2009 | EPI\_ISL\_82181 | | | EPI289502 | | |
| A/canine/NY/dog5c17/2009 | EPI\_ISL\_82070 | | | EPI289490 | | |
| A/canine/NY/dog7c01/2008 | EPI\_ISL\_81985 | | | EPI289478 | | |
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| A/canine/NY/dog7c21/2008 | EPI\_ISL\_82171 | | | EPI289473 | | |
| A/canine/NY/dog7c23/2008 | EPI\_ISL\_82172 | | | EPI289474 | | |
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| A/canine/NY/dog7c27/2008 | EPI\_ISL\_82174 | | | EPI289476 | | |
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| A/canine/Sydney/6692/2007 | EPI\_ISL\_63433 | | | EPI221711 | | |
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| A/canine/VT/11039/2013 | EPI\_ISL\_166505 | | | EPI546845 | | |
| A/canine/Wyoming/86033/2007 | EPI\_ISL\_87461 | | | EPI307325 | | |
| A/donkey/Shandong/1/2017 | EPI\_ISL\_284681 | | | EPI1098482 | | |
| A/eqine/Shropshire/5/2013 | EPI\_ISL\_151985 | | | EPI493620 | | |
| A/equine/Aboyne/2005 | EPI\_ISL\_153490 | | | EPI499170 | | |
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| A/equine/Alaska/29759/1991 | EPI\_ISL\_15351 | | | EPI133223 | | |
| A/equine/Alfort/1/1967 | EPI\_ISL\_257685 | | | EPI969030 | | |
| A/equine/Algiers/1/1972 | EPI\_ISL\_20808 | | | EPI156251 | | |
| A/equine/Algiers/1972 | EPI\_ISL\_69895 | | | EPI243223 | | |
| A/equine/Almaty/26/2007 | EPI\_ISL\_71977 | | | EPI383942 | | |
| A/equine/Ankara/1/2013 | EPI\_ISL\_281349 | | | EPI1076908 | | |
| A/equine/Austria/421/1992 | EPI\_ISL\_19675 | | | EPI153956 | | |
| A/Equine/Ayrshire/1/2013 | EPI\_ISL\_151796 | | | EPI497568 | | |
| A/equine/Ayrshire/1/2013 | EPI\_ISL\_151796 | | | EPI497568 | | |
| A/equine/Ayrshire/2/2013 | EPI\_ISL\_234614 | | | EPI838697 | | |
| A/equine/Baizak/09/2012 | EPI\_ISL\_170787 | | | EPI558691 | | |
| A/equine/Belfond/6-2/2009 | EPI\_ISL\_257677 | | | EPI969054 | | |
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| A/equine/Blois/1/1983 | EPI\_ISL\_257663 | | | EPI969036 | | |
| A/equine/Bordeaux/1/1983 | EPI\_ISL\_257661 | | | EPI969034 | | |
| A/equine/Buckinghamshire/1/2014 | EPI\_ISL\_197753 | | | EPI651400 | | |
| A/equine/Cagnes-sur-Mer/2/2000 | EPI\_ISL\_257675 | | | EPI969048 | | |
| A/equine/Cagnes-sur-Mer/2/2011 | EPI\_ISL\_257678 | | | EPI969050 | | |
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| A/equine/California/191/2003 | EPI\_ISL\_9533 | | | EPI98506 | | |
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| A/equine/California/83/1982 | EPI\_ISL\_15343 | | | EPI133052 | | |
| A/equine/California/8560/2002 | EPI\_ISL\_15843 | | | EPI137780 | | |
| A/equine/Cambremer/1/2012 | EPI\_ISL\_257680 | | | EPI969055 | | |
| A/equine/Chantilly/1/1975 | EPI\_ISL\_257659 | | | EPI969032 | | |
| A/equine/Cheshire/06 | EPI\_ISL\_177472 | | | EPI584138 | | |
| A/equine/Colorado/10/2007 | EPI\_ISL\_87462 | | | EPI307326 | | |
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| A/equine/Dorset/09 | EPI\_ISL\_177491 | | | EPI584205 | | |
| A/equine/Dorset/2009 | EPI\_ISL\_153495 | | | EPI499175 | | |
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| A/equine/Dubai/1/2012 | EPI\_ISL\_153484 | | | EPI499154 | | |
| A/equine/East Renfrewshire/2/11 | EPI\_ISL\_156750 | | | EPI584238 | | |
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| A/equine/East Yorkshire/1/2013 | EPI\_ISL\_151847 | | | EPI497575 | | |
| A/equine/Egypt/6066NAMRU3-VSVRI/2008 | EPI\_ISL\_89153 | | | EPI314106 | | |
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| A/equine/France/2/1985 | EPI\_ISL\_257666 | | | EPI969039 | | |
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| A/equine/Georgia/3/1981 | EPI\_ISL\_8096 | | | EPI77886 | | |
| A/equine/Georgia/9/1981 | EPI\_ISL\_8097 | | | EPI77905 | | |
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| A/equine/Guangxi/1/2008 | EPI\_ISL\_174545 | | | EPI573754 | | |
| A/equine/Hampshire/3/2016 | EPI\_ISL\_231828 | | | EPI957607 | | |
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| A/equine/Heilongjiang/10/2008 | EPI\_ISL\_32658 | | | EPI186872 | | |
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| A/equine/Himachal Pradesh/CMVL-YOL2/2008 | EPI\_ISL\_190904 | | | EPI621745 | | |
| A/equine/Hissar/CMVL-HSR4/2008 | EPI\_ISL\_190901 | | | EPI621726 | | |
| A/equine/Huabei/1/2007 | EPI\_ISL\_70195 | | | EPI243549 | | |
| A/equine/Hubei/6/2008 | EPI\_ISL\_32657 | | | EPI186864 | | |
| A/equine/Ibaraki/1/07 | EPI\_ISL\_63503 | | | EPI222040 | | |
| A/equine/Ibaraki/1/2007 | EPI\_ISL\_297956 | | | EPI1172964 | | |
| A/equine/Idaho/37875/1991 | EPI\_ISL\_6623 | | | EPI52072 | | |
| A/equine/Inner Mongolia/8/2008 | EPI\_ISL\_32660 | | | EPI186888 | | |
| A/equine/Italy/1062/1991 | EPI\_ISL\_19678 | | | EPI153980 | | |
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| A/equine/Italy/824/1991 | EPI\_ISL\_19673 | | | EPI153940 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH4/2008 | EPI\_ISL\_190902 | | | EPI621732 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH6/2008 | EPI\_ISL\_190903 | | | EPI621738 | | |
| A/equine/Johannesburg/1/1986 | EPI\_ISL\_20809 | | | EPI156259 | | |
| A/equine/Jouars/4/2006 | EPI\_ISL\_257684 | | | EPI969052 | | |
| A/equine/Kanazawa/1/2007 | EPI\_ISL\_666 | | | EPI153119 | | |
| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242355 | | |
| A/equine/Katra-Jammu/7/2008 | EPI\_ISL\_74366 | | | EPI503715 | | |
| A/Equine/Kent/1/15 | EPI\_ISL\_240663 | | | EPI873592 | | |
| A/Equine/Kent/1/16 | EPI\_ISL\_255630 | | | EPI957609 | | |
| A/equine/Kent/1/2014 | EPI\_ISL\_234916 | | | EPI839722 | | |
| A/equine/Kent/1/2015 | EPI\_ISL\_201991 | | | EPI673531 | | |
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| A/equine/Kentucky/1/1986 | EPI\_ISL\_15344 | | | EPI133071 | | |
| A/equine/Kentucky/1/1987 | EPI\_ISL\_21060 | | | EPI133090 | | |
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| A/equine/Kentucky/1/1992 | EPI\_ISL\_15350 | | | EPI133204 | | |
| A/equine/Kentucky/1/2011 | EPI\_ISL\_201105 | | | EPI670002 | | |
| A/equine/Kentucky/1/2012 | EPI\_ISL\_201106 | | | EPI670003 | | |
| A/Equine/Kentucky/1/2014 | EPI\_ISL\_206059 | | | EPI687836 | | |
| A/equine/Kentucky/1277/1990 | EPI\_ISL\_15348 | | | EPI133166 | | |
| A/equine/Kentucky/2/1980 | EPI\_ISL\_20807 | | | EPI156243 | | |
| A/equine/Kentucky/2/1981 | EPI\_ISL\_8090 | | | EPI77772 | | |
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| A/equine/Kentucky/2/2012 | EPI\_ISL\_153481 | | | EPI499161 | | |
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| A/equine/Kentucky/3/1986 | EPI\_ISL\_19663 | | | EPI153852 | | |
| A/equine/Kentucky/3/2012 | EPI\_ISL\_153482 | | | EPI499160 | | |
| A/equine/Kentucky/4/1980 | EPI\_ISL\_8088 | | | EPI77734 | | |
| A/equine/Kentucky/4/2012 | EPI\_ISL\_153493 | | | EPI499173 | | |
| A/equine/Kentucky/5/02 | EPI\_ISL\_4663 | | | EPI25746 | | |
| A/equine/Kentucky/5/2002 | EPI\_ISL\_9530 | | | EPI98498 | | |
| A/equine/Kentucky/5/2012 | EPI\_ISL\_153492 | | | EPI499172 | | |
| A/equine/Kentucky/692/1988 | EPI\_ISL\_15345 | | | EPI133109 | | |
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| A/equine/Kentucky/698/1988 | EPI\_ISL\_15347 | | | EPI133147 | | |
| A/equine/Kentucky/8/1994 | EPI\_ISL\_15353 | | | EPI133280 | | |
| A/equine/Kentucky/bitter\_boredom5/1976 | EPI\_ISL\_8094 | | | EPI77848 | | |
| A/equine/Kentucky/magnificent\_genius1/1981 | EPI\_ISL\_8100 | | | EPI77962 | | |
| A/equine/Kentucky/pass\_the\_pepper1/1976 | EPI\_ISL\_8093 | | | EPI77829 | | |
| A/equine/Kentucky/Rosie100/1981 | EPI\_ISL\_15830 | | | EPI137533 | | |
| A/equine/Kostanay/09/2012 | EPI\_ISL\_170790 | | | EPI558695 | | |
| A/equine/Kyonggi/SA1/2011 | EPI\_ISL\_129971 | | | EPI398889 | | |
| A/equine/Lanarkshire/09 | EPI\_ISL\_177490 | | | EPI584197 | | |
| A/equine/Lanarkshire/1/2013 | EPI\_ISL\_151981 | | | EPI493613 | | |
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| A/equine/Lanarkshire/2/2015 | EPI\_ISL\_197572 | | | EPI650054 | | |
| A/equine/Lanarkshire/2009 | EPI\_ISL\_153496 | | | EPI499176 | | |
| A/Equine/Lancashire/1/16 | EPI\_ISL\_255635 | | | EPI957670 | | |
| A/equine/Leicestershire/1/2015 | EPI\_ISL\_205957 | | | EPI694842 | | |
| A/equine/Liaoning/9/2008 | EPI\_ISL\_32659 | | | EPI186880 | | |
| A/equine/Lichtenfeld/1/2012 | EPI\_ISL\_153494 | | | EPI499174 | | |
| A/equine/Lincolnshire/06 | EPI\_ISL\_177471 | | | EPI584129 | | |
| A/equine/Lincolnshire/1/2007 | EPI\_ISL\_29831 | | | EPI501407 | | |
| A/equine/Lincolnshire/2006 | EPI\_ISL\_153489 | | | EPI499169 | | |
| A/equine/Lincolnshire/2007 | EPI\_ISL\_153491 | | | EPI499171 | | |
| A/equine/LKZ/09/2012 | EPI\_ISL\_170788 | | | EPI558692 | | |
| A/equine/Lonquen/1/2006 | EPI\_ISL\_23100 | | | EPI161637 | | |
| A/Equine/Ludhiana/87 | EPI\_ISL\_68862 | | | EPI239905 | | |
| A/equine/Malaysia/M201/2015 | EPI\_ISL\_201434 | | | EPI671849 | | |
| A/Equine/Malaysia/M201-1/2015 (H3N8) | EPI\_ISL\_200161 | | | EPI667287 | | |
| A/Equine/Malaysia/M201-2/2015 (H3N8) | EPI\_ISL\_200622 | | | EPI667288 | | |
| A/equine/Marseille/1/1979 | EPI\_ISL\_257660 | | | EPI969033 | | |
| A/equine/Matybulak/10/2012 | EPI\_ISL\_170789 | | | EPI558693 | | |
| A/equine/Miami/1/1963 | EPI\_ISL\_8092 | | | EPI128920 | | |
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| A/equine/Mongolia/3/2011 | EPI\_ISL\_129371 | | | EPI395969 | | |
| A/equine/Montana/9233/2007 | EPI\_ISL\_79893 | | | EPI281549 | | |
| A/equine/Montana/9564-1/2015 | EPI\_ISL\_285417 | | | EPI1103410 | | |
| A/equine/Moulton/98 | EPI\_ISL\_177487 | | | EPI584176 | | |
| A/equine/Mysore/1/2008 | EPI\_ISL\_74367 | | | EPI255571 | | |
| A/equine/Mysore/12/2008 | EPI\_ISL\_84310 | | | EPI503717 | | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969051 | | |
| A/equine/New Hampshire/1/2013 | EPI\_ISL\_201107 | | | EPI670004 | | |
| A/equine/New Hampshire/2/2013 | EPI\_ISL\_201108 | | | EPI670005 | | |
| A/equine/New Market/1979 | EPI\_ISL\_69902 | | | EPI243224 | | |
| A/equine/New York/1/1983 | EPI\_ISL\_15356 | | | EPI133337 | | |
| A/equine/New York/1/1999 | EPI\_ISL\_9531 | | | EPI98500 | | |
| A/equine/New York/135857/2016 | EPI\_ISL\_294936 | | | EPI1157848 | | |
| A/equine/New York/146066/2007 | EPI\_ISL\_79900 | | | EPI281605 | | |
| A/equine/New York/452/2003 | EPI\_ISL\_9532 | | | EPI98504 | | |
| A/equine/New York/VR-297/1983 | EPI\_ISL\_8102 | | | EPI78000 | | |
| A/equine/Newmarket/1/1993 | EPI\_ISL\_30895 | | | EPI239735 | | |
| A/equine/Newmarket/2/1993 | EPI\_ISL\_30896 | | | EPI239741 | | |
| A/equine/Newmarket/5/2003 | EPI\_ISL\_30894 | | | EPI235163 | | |
| A/equine/Norfolk/1/2015 | EPI\_ISL\_205763 | | | EPI686737 | | |
| A/equine/North Yorkshire/1/2015 | EPI\_ISL\_205764 | | | EPI686739 | | |
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| A/equine/Northamptonshire/2/2015 | EPI\_ISL\_205765 | | | EPI839779 | | |
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| A/equine/Northamptonshire/4/2015 | EPI\_ISL\_234922 | | | EPI839822 | | |
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| A/equine/Northamptonshire/7/2013 | EPI\_ISL\_151984 | | | EPI493617 | | |
| A/equine/Ohio/1/2003 | EPI\_ISL\_9534 | | | EPI98508 | | |
| A/equine/Ohio/1/2013 | EPI\_ISL\_201109 | | | EPI670006 | | |
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| A/equine/Oregon/3/2013 | EPI\_ISL\_201112 | | | EPI670009 | | |
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| A/equine/Pennsylvania/3-7/2011 | EPI\_ISL\_153477 | | | EPI499157 | | |
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| A/equine/Pennsylvania/6-15/2011 | EPI\_ISL\_153479 | | | EPI499155 | | |
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| A/equine/Perthshire/2/2014 | EPI\_ISL\_234914 | | | EPI839718 | | |
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| A/equine/Qinghai/1/1994 | EPI\_ISL\_32661 | | | EPI186896 | | |
| A/equine/Richmond/1/2007 | EPI\_ISL\_153499 | | | EPI499180 | | |
| A/equine/Richmond/1/2007 | EPI\_ISL\_153499 | | | EPI499180 | | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584297 | | |
| A/equine/Roma/5/1991 | EPI\_ISL\_19677 | | | EPI153972 | | |
| A/equine/Romania/1/1980 | EPI\_ISL\_19680 | | | EPI153996 | | |
| A/equine/Roxburghshire/1/2012 | EPI\_ISL\_153468 | | | EPI499164 | | |
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| A/equine/Santa Fe/1/1985 | EPI\_ISL\_19672 | | | EPI153932 | | |
| A/equine/Santiago/1/1985 | EPI\_ISL\_3674 | | | EPI19628 | | |
| A/equine/Sao Paulo/1.19/2012 | EPI\_ISL\_279065 | | | EPI1065025 | | |
| A/equine/Sao Paulo/1/1969 | EPI\_ISL\_19681 | | | EPI154004 | | |
| A/equine/Sao\_Paulo/10.FMVZ/2015 | EPI\_ISL\_285491 | | | EPI1103591 | | |
| A/equine/Sao\_Paulo/12.FMVZ/2015 | EPI\_ISL\_285493 | | | EPI1103592 | | |
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| A/equine/Sao paulo/6/1969 | EPI\_ISL\_14482 | | | EPI128924 | | |
| A/equine/Sao\_Paulo/8.FMVZ/2015 | EPI\_ISL\_285490 | | | EPI1103590 | | |
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| A/equine/Scottish Borders/3/2015 | EPI\_ISL\_212044 | | | EPI710986 | | |
| A/equine/Shropshire/1/2013 | EPI\_ISL\_234615 | | | EPI838699 | | |
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| A/equine/Shropshire/8/2013 | EPI\_ISL\_151986 | | | EPI493623 | | |
| A/equine/Snailwell/98 | EPI\_ISL\_177489 | | | EPI584189 | | |
| A/Equine/South Africa/4/03 | EPI\_ISL\_240665 | | | EPI873600 | | |
| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542620 | | |
| A/equine/South Lanarkshire/1/2015 | EPI\_ISL\_195790 | | | EPI643193 | | |
| A/equine/Spain/1/2007 | EPI\_ISL\_81729 | | | EPI288544 | | |
| A/equine/Spain/1/2009 | EPI\_ISL\_81728 | | | EPI288542 | | |
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| A/Equine/Stirlingshire/1/16 | EPI\_ISL\_255633 | | | EPI957635 | | |
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| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI240131 | | |
| A/equine/Sussex/93753/89 | EPI\_ISL\_8280 | | | EPI154462 | | |
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| A/Equine/Sweden/SVA111213SZ0065VIR170335/2011 | EPI\_ISL\_190432 | | | EPI620281 | | |
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| A/equine/Switzerland/1118/1979 | EPI\_ISL\_19679 | | | EPI153988 | | |
| A/equine/Switzerland/173/1993 | EPI\_ISL\_19676 | | | EPI153964 | | |
| A/equine/Switzerland/2225/1979 | EPI\_ISL\_22611 | | | EPI159274 | | |
| A/equine/Switzerland/P112/07 | EPI\_ISL\_177468 | | | EPI584118 | | |
| A/equine/Sydney/6085/2007 | EPI\_ISL\_63504 | | | EPI222042 | | |
| A/equine/Tennessee/27A/2014 | EPI\_ISL\_220483 | | | EPI753464 | | |
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| A/equine/Tennessee/30A/2014 | EPI\_ISL\_220482 | | | EPI753440 | | |
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| A/equine/Tiaret/1/2011 | EPI\_ISL\_144944 | | | EPI468652 | | |
| A/equine/Tokyo/2/1971 | EPI\_ISL\_95197 | | | EPI332913 | | |
| A/equine/Tottori/1/07 | EPI\_ISL\_89221 | | | EPI314450 | | |
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| A/equine/Tyne&Wear/2/2015 | EPI\_ISL\_197573 | | | EPI650055 | | |
| A/equine/Uruguay/1/1963 | EPI\_ISL\_21282 | | | EPI154028 | | |
| A/equine/Uttarkashi/1/2009 | EPI\_ISL\_154969 | | | EPI503714 | | |
| A/equine/Virginia/131054-3/2005 | EPI\_ISL\_79899 | | | EPI281597 | | |
| A/equine/Warwickshire/1/2013 | EPI\_ISL\_151846 | | | EPI497571 | | |
| A/equine/West Lothian/1/2014 | EPI\_ISL\_234908 | | | EPI839656 | | |
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| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99378 | | |
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| A/equine/Worcestershire/4/2012 | EPI\_ISL\_153467 | | | EPI499163 | | |
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| A/equine/Xinjiang/4/2007 | EPI\_ISL\_32665 | | | EPI186928 | | |
| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186936 | | |
| A/equine/Xuzhou/01/2013 | EPI\_ISL\_151130 | | | EPI489632 | | |
| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172956 | | |
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| A/equine/Yokohama/aq29/2011 | EPI\_ISL\_121371 | | | EPI376183 | | |
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| A/equine/Yokohama/aq79/2011 | EPI\_ISL\_121373 | | | EPI376187 | | |
| A/equine/Yorkshire/3/09 | EPI\_ISL\_156745 | | | EPI584221 | | |
| A/Ken/1/1981 | EPI\_ISL\_66100 | | | EPI230581 | | |
| A/Lincolnshire/1/2013 | EPI\_ISL\_234646 | | | EPI838919 | | |
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| A/canine/CT/85863/2011 | EPI\_ISL\_167698 | | | EPI546851 | | |
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| A/canine/Florida/43/2004 | EPI\_ISL\_9527 | | | EPI98467 | | |
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| A/canine/Jacksonville/2005 | EPI\_ISL\_64818 | | | EPI226910 | | |
| A/canine/Kentucky/118778/2006 | EPI\_ISL\_79889 | | | EPI281516 | | |
| A/canine/Maine/058124/2016 | EPI\_ISL\_294942 | | | EPI1157825 | | |
| A/canine/Massachusetts/26810/2016 | EPI\_ISL\_234612 | | | EPI839111 | | |
| A/canine/Miami/2005 | EPI\_ISL\_64819 | | | EPI226916 | | |
| A/canine/New York/100525-1/2006 | EPI\_ISL\_79883 | | | EPI281468 | | |
| A/canine/New York/100528-1/2006 | EPI\_ISL\_79884 | | | EPI281476 | | |
| A/canine/New York/100528-5/2006 | EPI\_ISL\_79885 | | | EPI281484 | | |
| A/canine/New York/100528-6/2006 | EPI\_ISL\_79886 | | | EPI281492 | | |
| A/canine/New York/115719/2007 | EPI\_ISL\_79896 | | | EPI281572 | | |
| A/canine/New York/115809/2005 | EPI\_ISL\_79864 | | | EPI281316 | | |
| A/canine/New York/145353/2008 | EPI\_ISL\_79904 | | | EPI281636 | | |
| A/canine/New York/147926-3/2006 | EPI\_ISL\_79887 | | | EPI281500 | | |
| A/canine/New York/147926-5/2006 | EPI\_ISL\_79888 | | | EPI281508 | | |
| A/canine/New York/158402-1/2008 | EPI\_ISL\_79905 | | | EPI281644 | | |
| A/canine/New York/159903/2012 | EPI\_ISL\_294938 | | | EPI1157898 | | |
| A/canine/New York/1623.1/2010 | EPI\_ISL\_294943 | | | EPI1157886 | | |
| A/canine/New York/3699/2010 | EPI\_ISL\_294940 | | | EPI1157885 | | |
| A/canine/New York/4986-2/2006 | EPI\_ISL\_79873 | | | EPI281388 | | |
| A/canine/New York/5183-6/2006 | EPI\_ISL\_79871 | | | EPI281372 | | |
| A/canine/New York/5183-6/2006 | EPI\_ISL\_79871 | | | EPI281372 | | |
| A/canine/New York/51854/2008 | EPI\_ISL\_79902 | | | EPI281620 | | |
| A/canine/NY/105447/2008 | EPI\_ISL\_174477 | | | EPI576529 | | |
| A/canine/NY/120106.2/2011 | EPI\_ISL\_166503 | | | EPI546847 | | |
| A/canine/NY/133/2010 | EPI\_ISL\_167704 | | | EPI546858 | | |
| A/canine/NY/159903/2012 | EPI\_ISL\_167700 | | | EPI546853 | | |
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| A/canine/NY/3699/2010 | EPI\_ISL\_167706 | | | EPI546860 | | |
| A/canine/NY/dog1c01/2009 | EPI\_ISL\_82037 | | | EPI289514 | | |
| A/canine/NY/dog1c11/2009 | EPI\_ISL\_82022 | | | EPI289515 | | |
| A/canine/NY/dog21c02/2009 | EPI\_ISL\_82102 | | | EPI289506 | | |
| A/canine/NY/dog21c08/2009 | EPI\_ISL\_81929 | | | EPI289505 | | |
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| A/canine/NY/dog21c24/2009 | EPI\_ISL\_82182 | | | EPI289503 | | |
| A/canine/NY/dog3c03/2009 | EPI\_ISL\_82137 | | | EPI289516 | | |
| A/canine/NY/dog4c05/2009 | EPI\_ISL\_82122 | | | EPI289511 | | |
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| A/canine/NY/dog6c13/2009 | EPI\_ISL\_82082 | | | EPI289510 | | |
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| A/canine/NY/dog8c15/2008 | EPI\_ISL\_81978 | | | EPI289507 | | |
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| A/canine/PA/33225.4/2010 | EPI\_ISL\_167696 | | | EPI546848 | | |
| A/canine/PA/96978/2009 | EPI\_ISL\_167699 | | | EPI546852 | | |
| A/canine/Pennsylvania/10909/2007 | EPI\_ISL\_79891 | | | EPI281532 | | |
| A/canine/Pennsylvania/10915/2007 | EPI\_ISL\_79892 | | | EPI281540 | | |
| A/canine/Pennsylvania/137154/2008 | EPI\_ISL\_79903 | | | EPI281628 | | |
| A/canine/Pennsylvania/16699/2007 | EPI\_ISL\_79890 | | | EPI281524 | | |
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| A/canine/VT/11039/2013 | EPI\_ISL\_166505 | | | EPI546849 | | |
| A/canine/VT/2782/2013 | EPI\_ISL\_167701 | | | EPI546854 | | |
| A/donkey/Shandong/1/2017 | EPI\_ISL\_284681 | | | EPI1098481 | | |
| A/equine/Alaska/29759/1991 | EPI\_ISL\_15351 | | | EPI133225 | | |
| A/equine/Algiers/1/1972 | EPI\_ISL\_20808 | | | EPI156252 | | |
| A/equine/Almaty/26/2007 | EPI\_ISL\_71977 | | | EPI250109 | | |
| A/equine/Ankara/1/2013 | EPI\_ISL\_281349 | | | EPI1076907 | | |
| A/equine/Athens/02/2003 | EPI\_ISL\_75320 | | | EPI347183 | | |
| A/equine/Athens/04/2007 | EPI\_ISL\_28012 | | | EPI347184 | | |
| A/equine/Austria/421/1992 | EPI\_ISL\_19675 | | | EPI153957 | | |
| A/Equine/Ayrshire/1/2013 | EPI\_ISL\_240595 | | | EPI873573 | | |
| A/equine/Berlin/1/1989 | EPI\_ISL\_19683 | | | EPI154021 | | |
| A/equine/Buckinghamshire/1/2014 | EPI\_ISL\_197753 | | | EPI651399 | | |
| A/equine/California/1/10 | EPI\_ISL\_177498 | | | EPI584271 | | |
| A/equine/California/1/1980 | EPI\_ISL\_8089 | | | EPI77755 | | |
| A/equine/California/103/1982 | EPI\_ISL\_8101 | | | EPI77983 | | |
| A/equine/California/4537/1997 | EPI\_ISL\_15842 | | | EPI137763 | | |
| A/equine/California/83/1982 | EPI\_ISL\_15343 | | | EPI133054 | | |
| A/equine/California/8560/2002 | EPI\_ISL\_15843 | | | EPI137782 | | |
| A/equine/Cambremer/1/2012 | EPI\_ISL\_257680 | | | EPI969027 | | |
| A/equine/Cheshire/06 | EPI\_ISL\_177472 | | | EPI584136 | | |
| A/equine/Cordoba/18/1985 | EPI\_ISL\_19671 | | | EPI153925 | | |
| A/equine/Devon/1/11 | EPI\_ISL\_156749 | | | EPI584245 | | |
| A/equine/Dorset/09 | EPI\_ISL\_177491 | | | EPI584204 | | |
| A/equine/Dubai/1/12 | EPI\_ISL\_177501 | | | EPI584287 | | |
| A/equine/East Renfrewshire/2/11 | EPI\_ISL\_156750 | | | EPI584237 | | |
| A/Equine/East Sussex/1/2015 | EPI\_ISL\_240662 | | | EPI873582 | | |
| A/Equine/Fife/1/16 | EPI\_ISL\_255632 | | | EPI957625 | | |
| A/equine/FL/146609/2011 | EPI\_ISL\_167702 | | | EPI546855 | | |
| A/equine/Florida/146609/2011 | EPI\_ISL\_294944 | | | EPI1157866 | | |
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| A/equine/France/1/1967 | EPI\_ISL\_22612 | | | EPI159283 | | |
| A/equine/Gansu/7/2008 | EPI\_ISL\_32656 | | | EPI186855 | | |
| A/equine/Georgia/1/1981 | EPI\_ISL\_8095 | | | EPI77869 | | |
| A/equine/Georgia/10/1981 | EPI\_ISL\_8098 | | | EPI77926 | | |
| A/equine/Georgia/121362-16/2016 | EPI\_ISL\_294939 | | | EPI1157839 | | |
| A/equine/Georgia/13/1981 | EPI\_ISL\_8099 | | | EPI77945 | | |
| A/equine/Georgia/3/1981 | EPI\_ISL\_8096 | | | EPI77888 | | |
| A/equine/Georgia/9/1981 | EPI\_ISL\_8097 | | | EPI77907 | | |
| A/equine/Gironde/1/2014 | EPI\_ISL\_257682 | | | EPI969028 | | |
| A/Equine/Gloucestershire/1/16 | EPI\_ISL\_255667 | | | EPI957690 | | |
| A/equine/Guangxi/1/2008 | EPI\_ISL\_174545 | | | EPI573753 | | |
| A/equine/Hampshire/3/2016 | EPI\_ISL\_231828 | | | EPI957613 | | |
| A/Equine/Hampshire/4/2016 | EPI\_ISL\_240664 | | | EPI873598 | | |
| A/equine/Heilongjiang/1/2010 | EPI\_ISL\_144923 | | | EPI464983 | | |
| A/equine/Heilongjiang/10/2008 | EPI\_ISL\_32658 | | | EPI186871 | | |
| A/equine/Heilongjiang/SS1/2013 | EPI\_ISL\_161474 | | | EPI527596 | | |
| A/equine/Himachal Pradesh/CMVL-YOL2/2008 | EPI\_ISL\_190904 | | | EPI621744 | | |
| A/equine/Hissar/CMVL-HSR4/2008 | EPI\_ISL\_190901 | | | EPI621725 | | |
| A/equine/Huabei/1/2007 | EPI\_ISL\_70195 | | | EPI243548 | | |
| A/equine/Hubei/6/2008 | EPI\_ISL\_32657 | | | EPI186863 | | |
| A/equine/Ibaraki/1/2007 | EPI\_ISL\_297956 | | | EPI1172963 | | |
| A/equine/Idaho/37875/1991 | EPI\_ISL\_6623 | | | EPI52074 | | |
| A/equine/Inner Mongolia/8/2008 | EPI\_ISL\_32660 | | | EPI186887 | | |
| A/equine/Italy/1062/1991 | EPI\_ISL\_19678 | | | EPI153981 | | |
| A/equine/Italy/1199/1992 | EPI\_ISL\_19674 | | | EPI153949 | | |
| A/equine/Italy/824/1991 | EPI\_ISL\_19673 | | | EPI153941 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH4/2008 | EPI\_ISL\_190902 | | | EPI621731 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH6/2008 | EPI\_ISL\_190903 | | | EPI621737 | | |
| A/equine/Johannesburg/1/1986 | EPI\_ISL\_20809 | | | EPI156260 | | |
| A/equine/Jouars/4/2006 | EPI\_ISL\_257684 | | | EPI969025 | | |
| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242354 | | |
| A/Equine/Kent/1/15 | EPI\_ISL\_240663 | | | EPI873590 | | |
| A/Equine/Kent/1/16 | EPI\_ISL\_255630 | | | EPI957611 | | |
| A/equine/Kentucky/1/11 | EPI\_ISL\_177500 | | | EPI584279 | | |
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| A/equine/Kentucky/1/1981 | EPI\_ISL\_68957 | | | EPI240113 | | |
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| A/equine/Kentucky/1/81 | EPI\_ISL\_689 | | | EPI18477 | | |
| A/equine/Kentucky/1277/1990 | EPI\_ISL\_15348 | | | EPI133168 | | |
| A/equine/Kentucky/2/1980 | EPI\_ISL\_20807 | | | EPI156244 | | |
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| A/equine/Kentucky/2/1986 | EPI\_ISL\_14705 | | | EPI129911 | | |
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| A/equine/Kentucky/2/1987 | EPI\_ISL\_19104 | | | EPI152772 | | |
| A/equine/Kentucky/211/1987 | EPI\_ISL\_68958 | | | EPI240121 | | |
| A/equine/Kentucky/3/1981 | EPI\_ISL\_15342 | | | EPI133035 | | |
| A/equine/Kentucky/3/1986 | EPI\_ISL\_19663 | | | EPI153853 | | |
| A/equine/Kentucky/4/1980 | EPI\_ISL\_8088 | | | EPI77736 | | |
| A/equine/Kentucky/5/02 | EPI\_ISL\_4663 | | | EPI25744 | | |
| A/equine/Kentucky/692/1988 | EPI\_ISL\_15345 | | | EPI133111 | | |
| A/equine/Kentucky/694/1988 | EPI\_ISL\_15346 | | | EPI133130 | | |
| A/equine/Kentucky/698/1988 | EPI\_ISL\_15347 | | | EPI133149 | | |
| A/equine/Kentucky/8/1994 | EPI\_ISL\_15353 | | | EPI133282 | | |
| A/equine/Kentucky/bitter\_boredom5/1976 | EPI\_ISL\_8094 | | | EPI77850 | | |
| A/equine/Kentucky/magnificent\_genius1/1981 | EPI\_ISL\_8100 | | | EPI77964 | | |
| A/equine/Kentucky/pass\_the\_pepper1/1976 | EPI\_ISL\_8093 | | | EPI77831 | | |
| A/equine/Kentucky/Rosie100/1981 | EPI\_ISL\_15830 | | | EPI137535 | | |
| A/equine/Kyonggi/SA1/2011 | EPI\_ISL\_129971 | | | EPI398888 | | |
| A/equine/Lanarkshire/09 | EPI\_ISL\_177490 | | | EPI584196 | | |
| A/Equine/Lancashire/1/16 | EPI\_ISL\_255635 | | | EPI957672 | | |
| A/equine/Liaoning/9/2008 | EPI\_ISL\_32659 | | | EPI186879 | | |
| A/equine/Lincolnshire/06 | EPI\_ISL\_177471 | | | EPI584128 | | |
| A/equine/Lincolnshire/1/2007 | EPI\_ISL\_29831 | | | EPI501405 | | |
| A/equine/Lonquen/1/2006 | EPI\_ISL\_23100 | | | EPI161636 | | |
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| A/equine/Miami/1/1963 | EPI\_ISL\_8092 | | | EPI129664 | | |
| A/equine/Montana/9233/2007 | EPI\_ISL\_79893 | | | EPI281548 | | |
| A/equine/Montana/9564-1/2015 | EPI\_ISL\_285417 | | | EPI1103409 | | |
| A/equine/Moulton/98 | EPI\_ISL\_177487 | | | EPI584175 | | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969026 | | |
| A/equine/New Market/1/1979 | EPI\_ISL\_95199 | | | EPI332931 | | |
| A/equine/New Market/nasalwash1/1979 | EPI\_ISL\_95198 | | | EPI332924 | | |
| A/equine/New York/1/1983 | EPI\_ISL\_15356 | | | EPI133339 | | |
| A/equine/New York/135857/2016 | EPI\_ISL\_294936 | | | EPI1157807 | | |
| A/equine/New York/146066/2007 | EPI\_ISL\_79900 | | | EPI281604 | | |
| A/equine/New York/VR-297/1983 | EPI\_ISL\_8102 | | | EPI78002 | | |
| A/equine/Newmarket/1/1993 | EPI\_ISL\_30895 | | | EPI239733 | | |
| A/equine/Newmarket/2/1993 | EPI\_ISL\_30896 | | | EPI239739 | | |
| A/equine/Newmarket/5/2003 | EPI\_ISL\_30894 | | | EPI235161 | | |
| A/equine/Northamptonshire/1/2013 | EPI\_ISL\_151841 | | | EPI584252 | | |
| A/equine/Ohio/1/2003 | EPI\_ISL\_9534 | | | EPI98541 | | |
| A/equine/Ohio/113461-1/2005 | EPI\_ISL\_79869 | | | EPI281356 | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281332 | | |
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| A/equine/Ohio/113461-3/2005 | EPI\_ISL\_79870 | | | EPI281364 | | |
| A/equine/OR/78356/2012 | EPI\_ISL\_167703 | | | EPI546856 | | |
| A/equine/Oregon/78356/2012 | EPI\_ISL\_294934 | | | EPI1157851 | | |
| A/equine/Perthshire/3/09 | EPI\_ISL\_177492 | | | EPI584212 | | |
| A/equine/Qinghai/1/1994 | EPI\_ISL\_32661 | | | EPI186895 | | |
| A/equine/Richmond/1/2007 | EPI\_ISL\_153499 | | | EPI501398 | | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584296 | | |
| A/equine/Roma/5/1991 | EPI\_ISL\_19677 | | | EPI153973 | | |
| A/equine/Romania/1/1980 | EPI\_ISL\_19680 | | | EPI153997 | | |
| A/equine/Sachiyama/1/1971 | EPI\_ISL\_25008 | | | EPI165404 | | |
| A/equine/Santa Fe/1/1985 | EPI\_ISL\_19672 | | | EPI153933 | | |
| A/equine/Santiago/1/1985 | EPI\_ISL\_3674 | | | EPI19626 | | |
| A/equine/Sao Paulo/1.19/2012 | EPI\_ISL\_279065 | | | EPI1065026 | | |
| A/equine/Sao Paulo/1/1969 | EPI\_ISL\_19681 | | | EPI154005 | | |
| A/equine/Sao Paulo/6/1963 | EPI\_ISL\_19670 | | | EPI153917 | | |
| A/equine/Saone-et-Loire/1/2015 | EPI\_ISL\_257683 | | | EPI969029 | | |
| A/equine/Shropshire/10 | EPI\_ISL\_156748 | | | EPI584228 | | |
| A/equine/Snailwell/98 | EPI\_ISL\_177489 | | | EPI584188 | | |
| A/Equine/South Africa/4/03 | EPI\_ISL\_240665 | | | EPI873605 | | |
| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542621 | | |
| A/Equine/Stirlingshire/1/16 | EPI\_ISL\_255633 | | | EPI957637 | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI240129 | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI240129 | | |
| A/equine/Sussex/93753/89 | EPI\_ISL\_8280 | | | EPI154463 | | |
| A/Equine/Sweden/SVA111206SZ0085/VIR165837/2011 | EPI\_ISL\_180684 | | | EPI594033 | | |
| A/equine/Switzerland/1118/1979 | EPI\_ISL\_19679 | | | EPI153989 | | |
| A/equine/Switzerland/173/1993 | EPI\_ISL\_19676 | | | EPI153965 | | |
| A/equine/Switzerland/2225/1979 | EPI\_ISL\_22611 | | | EPI159275 | | |
| A/equine/Switzerland/P112/07 | EPI\_ISL\_177468 | | | EPI584117 | | |
| A/equine/Tennessee/27A/2014 | EPI\_ISL\_220483 | | | EPI753445 | | |
| A/equine/Tennessee/28A/2014 | EPI\_ISL\_220480 | | | EPI753426 | | |
| A/equine/Tennessee/28B/2014 | EPI\_ISL\_220484 | | | EPI753471 | | |
| A/equine/Tennessee/29A/2014 | EPI\_ISL\_220485 | | | EPI753458 | | |
| A/equine/Tennessee/30A/2014 | EPI\_ISL\_220482 | | | EPI753469 | | |
| A/equine/Tennessee/4A/2014 | EPI\_ISL\_220481 | | | EPI753461 | | |
| A/equine/Tennessee/5/1986 | EPI\_ISL\_21061 | | | EPI133244 | | |
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| A/equine/Texas/39655/1991 | EPI\_ISL\_15349 | | | EPI133187 | | |
| A/equine/Tokyo/2/1971 | EPI\_ISL\_95197 | | | EPI332912 | | |
| A/equine/Tottori/1/07 | EPI\_ISL\_89221 | | | EPI314451 | | |
| A/equine/Uruguay/1/1963 | EPI\_ISL\_21282 | | | EPI154029 | | |
| A/equine/Virginia/131054-3/2005 | EPI\_ISL\_79899 | | | EPI281596 | | |
| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99380 | | |
| A/equine/Xinjiang/1/2007 | EPI\_ISL\_32662 | | | EPI186903 | | |
| A/equine/Xinjiang/2/2007 | EPI\_ISL\_32663 | | | EPI186911 | | |
| A/equine/Xinjiang/3/2007 | EPI\_ISL\_32664 | | | EPI186919 | | |
| A/equine/Xinjiang/4/2007 | EPI\_ISL\_32665 | | | EPI186927 | | |
| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186935 | | |
| A/equine/Xuzhou/01/2013 | EPI\_ISL\_151130 | | | EPI489633 | | |
| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172955 | | |
| A/equine/Yorkshire/3/09 | EPI\_ISL\_156745 | | | EPI584220 | | |
| A /Equine/Sweden/SVA111128SZ0073/VIR160172/2011 | EPI\_ISL\_180755 | | | EPI594745 | | |
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| A/canine/Colorado/30604/2006 | EPI\_ISL\_79877 | | | EPI281423 | | |
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| A/canine/Colorado/6723-8/2008 | EPI\_ISL\_79901 | | | EPI281615 | | |
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| A/canine/StatenIs/115719/2007 | EPI\_ISL\_81921 | | | EPI289224 | | |
| A/canine/Vermont/278213/2013 | EPI\_ISL\_294941 | | | EPI1157876 | | |
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| A/eq/Kentucky/1/88 | EPI\_ISL\_677 | | | EPI3560 | | |
| A/eq/Kentucky/92 | EPI\_ISL\_68829 | | | EPI239791 | | |
| A/eq/LaPlata/1/88 | EPI\_ISL\_678 | | | EPI3563 | | |
| A/eq/LaPlata/93 | EPI\_ISL\_68814 | | | EPI239728 | | |
| A/eq/Newmarket/D63/79 | EPI\_ISL\_675 | | | EPI3554 | | |
| A/eq/Roma/5/91 | EPI\_ISL\_682 | | | EPI3575 | | |
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| A/equine/Ahmedabad/1/2009 | EPI\_ISL\_74364 | | | EPI255567 | | |
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| A/equine/Almaty/26/2007 | EPI\_ISL\_71977 | | | EPI250069 | | |
| A/equine/Ankara/1/2013 | EPI\_ISL\_281349 | | | EPI1076910 | | |
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| A/equine/Avesta/1993 | EPI\_ISL\_68576 | | | EPI238719 | | |
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| A/equine/Baizak/09/2012 | EPI\_ISL\_170787 | | | EPI558703 | | |
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| A/equine/Berlin/1/1989 | EPI\_ISL\_19683 | | | EPI154022 | | |
| A/equine/Buckinghamshire/1/2014 | EPI\_ISL\_197753 | | | EPI651402 | | |
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| A/equine/Cambremer/1/2012 | EPI\_ISL\_257680 | | | EPI969067 | | |
| A/equine/Cheshire/06 | EPI\_ISL\_177472 | | | EPI584153 | | |
| A/equine/Cheshire/1/2006 | EPI\_ISL\_29834 | | | EPI177903 | | |
| A/equine/Cheshire/1/2007 | EPI\_ISL\_29843 | | | EPI177923 | | |
| A/equine/Cheshire/2/2007 | EPI\_ISL\_29825 | | | EPI177905 | | |
| A/equine/Cheshire/3/2007 | EPI\_ISL\_29826 | | | EPI177906 | | |
| A/equine/Cordoba/18/1985 | EPI\_ISL\_19671 | | | EPI153926 | | |
| A/equine/Devon/1/11 | EPI\_ISL\_156749 | | | EPI584248 | | |
| A/equine/Dorset/09 | EPI\_ISL\_177491 | | | EPI584207 | | |
| A/equine/Dubai/1/12 | EPI\_ISL\_177501 | | | EPI584290 | | |
| A/equine/East Renfrewshire/2/11 | EPI\_ISL\_156750 | | | EPI584240 | | |
| A/Equine/East Sussex/1/2015 | EPI\_ISL\_240662 | | | EPI873581 | | |
| A/equine/Essaouira/2/2004 | EPI\_ISL\_119932 | | | EPI372055 | | |
| A/equine/Essaouira/3/2004 | EPI\_ISL\_119933 | | | EPI372058 | | |
| A/equine/Essex/1/05 | EPI\_ISL\_11910 | | | EPI177925 | | |
| A/equine/Florida/146609/2011 | EPI\_ISL\_294944 | | | EPI1157832 | | |
| A/equine/Florida/2/2006 | EPI\_ISL\_29836 | | | EPI177913 | | |
| A/equine/Fontainbleu/1/1979 | EPI\_ISL\_19682 | | | EPI154014 | | |
| A/equine/Fontainebleau/1979 | EPI\_ISL\_69897 | | | EPI242349 | | |
| A/equine/France/1/1967 | EPI\_ISL\_22612 | | | EPI159284 | | |
| A/equine/Gansu/7/2008 | EPI\_ISL\_32656 | | | EPI186858 | | |
| A/equine/Georgia/1/1981 | EPI\_ISL\_8095 | | | EPI77871 | | |
| A/equine/Georgia/10/1981 | EPI\_ISL\_8098 | | | EPI77928 | | |
| A/equine/Georgia/121362-16/2016 | EPI\_ISL\_294939 | | | EPI1157817 | | |
| A/equine/Georgia/13/1981 | EPI\_ISL\_8099 | | | EPI77947 | | |
| A/equine/Georgia/3/1981 | EPI\_ISL\_8096 | | | EPI77890 | | |
| A/equine/Georgia/9/1981 | EPI\_ISL\_8097 | | | EPI77909 | | |
| A/equine/Gironde/1/2014 | EPI\_ISL\_257682 | | | EPI969068 | | |
| A/equine/Gopeswar/1/2009 | EPI\_ISL\_74365 | | | EPI255777 | | |
| A/equine/Grobois/1/98 | EPI\_ISL\_3541 | | | EPI18960 | | |
| A/equine/Guangxi/1/2008 | EPI\_ISL\_174545 | | | EPI573756 | | |
| A/Equine/Hampshire/4/2016 | EPI\_ISL\_240664 | | | EPI873597 | | |
| A/equine/Heilongjiang/1/2010 | EPI\_ISL\_144923 | | | EPI464998 | | |
| A/equine/Heilongjiang/10/2008 | EPI\_ISL\_32658 | | | EPI186874 | | |
| A/equine/Heilongjiang/SS1/2013 | EPI\_ISL\_161474 | | | EPI527597 | | |
| A/equine/Himachal Pradesh/CMVL-YOL2/2008 | EPI\_ISL\_190904 | | | EPI621747 | | |
| A/equine/Hissar/CMVL-HSR4/2008 | EPI\_ISL\_190901 | | | EPI621728 | | |
| A/equine/Hokkaido/I828/2008 | EPI\_ISL\_69119 | | | EPI240686 | | |
| A/equine/Horsham/1/2007 | EPI\_ISL\_29844 | | | EPI177901 | | |
| A/equine/Huabei/1/2007 | EPI\_ISL\_70195 | | | EPI243551 | | |
| A/equine/Hubei/6/2008 | EPI\_ISL\_32657 | | | EPI186866 | | |
| A/equine/Ibaraki/1/2007 | EPI\_ISL\_297956 | | | EPI1172966 | | |
| A/equine/Idaho/37875/1991 | EPI\_ISL\_6623 | | | EPI52076 | | |
| A/equine/Inner Mongolia/8/2008 | EPI\_ISL\_32660 | | | EPI186890 | | |
| A/equine/Italy/1062/1991 | EPI\_ISL\_19678 | | | EPI153982 | | |
| A/equine/Italy/1199/1992 | EPI\_ISL\_19674 | | | EPI153950 | | |
| A/equine/Italy/824/1991 | EPI\_ISL\_19673 | | | EPI153942 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH4/2008 | EPI\_ISL\_190902 | | | EPI621734 | | |
| A/equine/Jammu and Kashmir/CMVL-LEH6/2008 | EPI\_ISL\_190903 | | | EPI621740 | | |
| A/equine/Johannesburg/1/1986 | EPI\_ISL\_20809 | | | EPI156261 | | |
| A/equine/Jouars/4/2006 | EPI\_ISL\_257684 | | | EPI969064 | | |
| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242357 | | |
| A/equine/Katra-Jammu/7/2008 | EPI\_ISL\_74366 | | | EPI300731 | | |
| A/Equine/Kent/1/15 | EPI\_ISL\_240663 | | | EPI873589 | | |
| A/equine/Kentucky/1/11 | EPI\_ISL\_177500 | | | EPI584282 | | |
| A/equine/Kentucky/1/1978 | EPI\_ISL\_8087 | | | EPI77719 | | |
| A/equine/Kentucky/1/1981 | EPI\_ISL\_68957 | | | EPI240114 | | |
| A/equine/Kentucky/1/1986 | EPI\_ISL\_15344 | | | EPI133075 | | |
| A/equine/Kentucky/1/1987 | EPI\_ISL\_21060 | | | EPI133094 | | |
| A/equine/Kentucky/1/1991 | EPI\_ISL\_15352 | | | EPI133265 | | |
| A/equine/Kentucky/1/1992 | EPI\_ISL\_15350 | | | EPI133208 | | |
| A/equine/Kentucky/1/1995 | EPI\_ISL\_290255 | | | EPI1134106 | | |
| A/equine/Kentucky/1/1997 | EPI\_ISL\_29854 | | | EPI177927 | | |
| A/equine/Kentucky/1/1998 | EPI\_ISL\_29855 | | | EPI177928 | | |
| A/equine/Kentucky/1/1999 | EPI\_ISL\_290254 | | | EPI1134105 | | |
| A/Equine/Kentucky/1/2014 | EPI\_ISL\_206059 | | | EPI687837 | | |
| A/equine/Kentucky/1277/1990 | EPI\_ISL\_15348 | | | EPI133170 | | |
| A/equine/Kentucky/2/1980 | EPI\_ISL\_20807 | | | EPI156245 | | |
| A/equine/Kentucky/2/1981 | EPI\_ISL\_8090 | | | EPI77776 | | |
| A/equine/Kentucky/2/1986 | EPI\_ISL\_21280 | | | EPI153846 | | |
| A/equine/Kentucky/2/1987 | EPI\_ISL\_19104 | | | EPI152773 | | |
| A/equine/Kentucky/211/1987 | EPI\_ISL\_68958 | | | EPI240122 | | |
| A/equine/Kentucky/3/1981 | EPI\_ISL\_15342 | | | EPI133037 | | |
| A/equine/Kentucky/3/1986 | EPI\_ISL\_19663 | | | EPI153854 | | |
| A/equine/Kentucky/4/1980 | EPI\_ISL\_8088 | | | EPI77738 | | |
| A/equine/Kentucky/4/2007 | EPI\_ISL\_29837 | | | EPI177914 | | |
| A/equine/Kentucky/5/02 | EPI\_ISL\_4663 | | | EPI25750 | | |
| A/equine/Kentucky/5/2002 | EPI\_ISL\_9530 | | | EPI98543 | | |
| A/equine/Kentucky/692/1988 | EPI\_ISL\_15345 | | | EPI133113 | | |
| A/equine/Kentucky/694/1988 | EPI\_ISL\_15346 | | | EPI133132 | | |
| A/equine/Kentucky/698/1988 | EPI\_ISL\_15347 | | | EPI133151 | | |
| A/equine/Kentucky/7/2007 | EPI\_ISL\_29838 | | | EPI177915 | | |
| A/equine/Kentucky/8/1994 | EPI\_ISL\_15353 | | | EPI133284 | | |
| A/equine/Kentucky/9/2004 | EPI\_ISL\_29852 | | | EPI177924 | | |
| A/equine/Kentucky/bitter\_boredom5/1976 | EPI\_ISL\_8094 | | | EPI77852 | | |
| A/equine/Kentucky/magnificent\_genius1/1981 | EPI\_ISL\_8100 | | | EPI77966 | | |
| A/equine/Kentucky/pass\_the\_pepper1/1976 | EPI\_ISL\_8093 | | | EPI77833 | | |
| A/equine/Kentucky/Rosie100/1981 | EPI\_ISL\_15830 | | | EPI137537 | | |
| A/equine/Kostanay/09/2012 | EPI\_ISL\_170790 | | | EPI558706 | | |
| A/equine/Kyonggi/SA1/2011 | EPI\_ISL\_129971 | | | EPI398891 | | |
| A/equine/Lambourn/22778/92 | EPI\_ISL\_685 | | | EPI3584 | | |
| A/equine/Lanark/1/2006 | EPI\_ISL\_29833 | | | EPI177899 | | |
| A/equine/Lanarkshire/09 | EPI\_ISL\_177490 | | | EPI584199 | | |
| A/equine/LaPlata/1/1995 | EPI\_ISL\_290257 | | | EPI1134108 | | |
| A/equine/Liaoning/9/2008 | EPI\_ISL\_32659 | | | EPI186882 | | |
| A/equine/Lincolnshire/06 | EPI\_ISL\_177471 | | | EPI584131 | | |
| A/equine/Lincolnshire/1/2002 | EPI\_ISL\_29851 | | | EPI177929 | | |
| A/equine/Lincolnshire/1/2006 | EPI\_ISL\_29832 | | | EPI177900 | | |
| A/equine/Lincolnshire/1/2007 | EPI\_ISL\_29831 | | | EPI177907 | | |
| A/equine/LKZ/09/2012 | EPI\_ISL\_170788 | | | EPI558704 | | |
| A/equine/Maidstone/1/2007 | EPI\_ISL\_29846 | | | EPI177919 | | |
| A/equine/Maidstone/2/2007 | EPI\_ISL\_29845 | | | EPI177908 | | |
| A/equine/Malaysia/M201/2015 | EPI\_ISL\_201434 | | | EPI1073182 | | |
| A/equine/Massachussetts/213/2003 | EPI\_ISL\_9529 | | | EPI98512 | | |
| A/equine/Matybulak/10/2012 | EPI\_ISL\_170789 | | | EPI558705 | | |
| A/equine/Miami/1/1963 | EPI\_ISL\_8092 | | | EPI77814 | | |
| A/equine/Miami/1963 | EPI\_ISL\_161338 | | | EPI527215 | | |
| A/equine/Mongolia/1/2008 | EPI\_ISL\_19180 | | | EPI153117 | | |
| A/equine/Mongolia/3/2013 | EPI\_ISL\_290256 | | | EPI1134107 | | |
| A/equine/Montana/9233/2007 | EPI\_ISL\_79893 | | | EPI281551 | | |
| A/equine/Montana/9564-1/2015 | EPI\_ISL\_285417 | | | EPI1103412 | | |
| A/equine/Moulton/98 | EPI\_ISL\_177487 | | | EPI584183 | | |
| A/equine/Mysore/12/2008 | EPI\_ISL\_84310 | | | EPI295790 | | |
| A/equine/Nador/1/1997 | EPI\_ISL\_119931 | | | EPI383562 | | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969066 | | |
| A/equine/New Market/1/1979 | EPI\_ISL\_95199 | | | EPI332930 | | |
| A/equine/New Market/1979 | EPI\_ISL\_69902 | | | EPI242361 | | |
| A/equine/New Market/nasalwash1/1979 | EPI\_ISL\_95198 | | | EPI332923 | | |
| A/equine/New York/1/1983 | EPI\_ISL\_15356 | | | EPI133341 | | |
| A/equine/New York/135857/2016 | EPI\_ISL\_294936 | | | EPI1157881 | | |
| A/equine/New York/146066/2007 | EPI\_ISL\_79900 | | | EPI281607 | | |
| A/equine/New York/VR-297/1983 | EPI\_ISL\_8102 | | | EPI78004 | | |
| A/equine/Newmarket/1/1993 | EPI\_ISL\_30895 | | | EPI182580 | | |
| A/equine/Newmarket/1/2007 | EPI\_ISL\_29830 | | | EPI177904 | | |
| A/equine/Newmarket/2/1993 | EPI\_ISL\_30896 | | | EPI182581 | | |
| A/equine/Newmarket/5/2003 | EPI\_ISL\_30894 | | | EPI182579 | | |
| A/equine/Northamptonshire/1/2013 | EPI\_ISL\_151841 | | | EPI584259 | | |
| A/equine/Ohio/1/2003 | EPI\_ISL\_9534 | | | EPI98546 | | |
| A/equine/Ohio/113461-1/2005 | EPI\_ISL\_79869 | | | EPI281359 | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281335 | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281335 | | |
| A/equine/Ohio/113461-3/2005 | EPI\_ISL\_79870 | | | EPI281367 | | |
| A/equine/Oregon/78356/2012 | EPI\_ISL\_294934 | | | EPI1157847 | | |
| A/equine/Otar/764/2007 | EPI\_ISL\_89156 | | | EPI314114 | | |
| A/equine/Pennsylvania/1/2007 | EPI\_ISL\_29839 | | | EPI177916 | | |
| A/equine/Perthshire/3/09 | EPI\_ISL\_177492 | | | EPI584215 | | |
| A/equine/Pulawy/1/2005 | EPI\_ISL\_64878 | | | EPI548385 | | |
| A/equine/Pulawy/1/2006 | EPI\_ISL\_64366 | | | EPI548386 | | |
| A/equine/Pulawy/1/2008 | EPI\_ISL\_168012 | | | EPI548384 | | |
| A/equine/Qinghai/1/1994 | EPI\_ISL\_32661 | | | EPI186898 | | |
| A/equine/Richmond/1/2007 | EPI\_ISL\_29828 | | | EPI177909 | | |
| A/equine/Richmond/2/2007 | EPI\_ISL\_29829 | | | EPI177922 | | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584299 | | |
| A/equine/Roma/5/1991 | EPI\_ISL\_19677 | | | EPI153974 | | |
| A/equine/Romania/1/1980 | EPI\_ISL\_19680 | | | EPI153998 | | |
| A/equine/Sachiyama/1/1971 | EPI\_ISL\_25008 | | | EPI165405 | | |
| A/equine/Santa Fe/1/1985 | EPI\_ISL\_19672 | | | EPI153934 | | |
| A/equine/Sao Paulo/1.19/2012 | EPI\_ISL\_279065 | | | EPI1065023 | | |
| A/equine/Sao Paulo/1/1969 | EPI\_ISL\_19681 | | | EPI154006 | | |
| A/equine/Sao Paulo/6/1963 | EPI\_ISL\_19670 | | | EPI153918 | | |
| A/equine/Saone-et-Loire/1/2015 | EPI\_ISL\_257683 | | | EPI969069 | | |
| A/equine/Shropshire/10 | EPI\_ISL\_156748 | | | EPI584231 | | |
| A/equine/Snailwell/98 | EPI\_ISL\_177489 | | | EPI584191 | | |
| A/equine/Solihull/1/2007 | EPI\_ISL\_29847 | | | EPI177917 | | |
| A/equine/Solihull/2/2007 | EPI\_ISL\_29848 | | | EPI177918 | | |
| A/Equine/South Africa/4/03 | EPI\_ISL\_240665 | | | EPI873604 | | |
| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542622 | | |
| A/equine/Southampton/1/2006 | EPI\_ISL\_29853 | | | EPI177898 | | |
| A/equine/Southampton/1/2007 | EPI\_ISL\_29827 | | | EPI177910 | | |
| A/equine/Southampton/2/2007 | EPI\_ISL\_29849 | | | EPI177920 | | |
| A/equine/Strathaven/1/2007 | EPI\_ISL\_29850 | | | EPI177921 | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI182582 | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI182582 | | |
| A/equine/Sussex/93753/89 | EPI\_ISL\_8280 | | | EPI154464 | | |
| A/Equine/Sweden/SVA111206SZ0085/VIR165837/2011 | EPI\_ISL\_180684 | | | EPI594042 | | |
| A/equine/Switzerland/1118/1979 | EPI\_ISL\_19679 | | | EPI153990 | | |
| A/equine/Switzerland/173/1993 | EPI\_ISL\_19676 | | | EPI153966 | | |
| A/equine/Switzerland/2225/1979 | EPI\_ISL\_22611 | | | EPI159276 | | |
| A/equine/Switzerland/P112/07 | EPI\_ISL\_177468 | | | EPI584122 | | |
| A/equine/Switzerland/P112/2007 | EPI\_ISL\_29841 | | | EPI177902 | | |
| A/equine/Tennessee/27A/2014 | EPI\_ISL\_220483 | | | EPI753447 | | |
| A/equine/Tennessee/28A/2014 | EPI\_ISL\_220480 | | | EPI753429 | | |
| A/equine/Tennessee/28B/2014 | EPI\_ISL\_220484 | | | EPI753472 | | |
| A/equine/Tennessee/29A/2014 | EPI\_ISL\_220485 | | | EPI753466 | | |
| A/equine/Tennessee/30A/2014 | EPI\_ISL\_220482 | | | EPI753441 | | |
| A/equine/Tennessee/4A/2014 | EPI\_ISL\_220481 | | | EPI753436 | | |
| A/equine/Tennessee/5/1986 | EPI\_ISL\_21061 | | | EPI133246 | | |
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| A/equine/Texas/117793/2005 | EPI\_ISL\_79867 | | | EPI281343 | | |
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| A/equine/Texas/39655/1991 | EPI\_ISL\_15349 | | | EPI133189 | | |
| A/equine/Tokyo/2/1971 | EPI\_ISL\_95197 | | | EPI332911 | | |
| A/equine/Tottori/1/07 | EPI\_ISL\_89221 | | | EPI314456 | | |
| A/equine/Uruguay/1/1963 | EPI\_ISL\_21282 | | | EPI154030 | | |
| A/equine/Virginia/131054-3/2005 | EPI\_ISL\_79899 | | | EPI281599 | | |
| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99385 | | |
| A/equine/Xinjiang/1/2007 | EPI\_ISL\_32662 | | | EPI186906 | | |
| A/equine/Xinjiang/2/2007 | EPI\_ISL\_32663 | | | EPI186914 | | |
| A/equine/Xinjiang/3/2007 | EPI\_ISL\_32664 | | | EPI186922 | | |
| A/equine/Xinjiang/4/2007 | EPI\_ISL\_32665 | | | EPI186930 | | |
| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186938 | | |
| A/equine/Xuzhou/01/2013 | EPI\_ISL\_151130 | | | EPI489634 | | |
| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172958 | | |
| A/equine/Yokohama/aq19/2009 | EPI\_ISL\_69743 | | | EPI241779 | | |
| A/equine/Yorkshire/3/09 | EPI\_ISL\_156745 | | | EPI584223 | | |
| A/equine/Yvelines/2136/89 | EPI\_ISL\_679 | | | EPI3566 | | |
| A/equine 2/Suffolk/89 | EPI\_ISL\_68956 | | | EPI240109 | | |
| A /Equine/Sweden/SVA111128SZ0073/VIR160172/2011 | EPI\_ISL\_180755 | | | EPI594744 | | |
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| A/equine/Yokohama/aq13/2010 | EPI\_ISL\_297955 | | | EPI1172953 | | | |
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| A/equine/Xinjiang/5/2007 | EPI\_ISL\_32666 | | | EPI186933 | | | |
| A/equine/Xinjiang/4/2007 | EPI\_ISL\_32665 | | | EPI186925 | | | |
| A/equine/Xinjiang/3/2007 | EPI\_ISL\_32664 | | | EPI186917 | | | |
| A/equine/Xinjiang/2/2007 | EPI\_ISL\_32663 | | | EPI186909 | | | |
| A/equine/Xinjiang/1/2007 | EPI\_ISL\_32662 | | | EPI186901 | | | |
| A/equine/Wisconsin/1/03 | EPI\_ISL\_9783 | | | EPI99388 | | | |
| A/equine/Virginia/131054-3/2005 | EPI\_ISL\_79899 | | | EPI281594 | | | |
| A/equine/Uruguay/1/1963 | EPI\_ISL\_21282 | | | EPI154031 | | | |
| A/equine/Tottori/1/07 | EPI\_ISL\_89221 | | | EPI314452 | | | |
| A/equine/Texas/39655/1991 | EPI\_ISL\_15349 | | | EPI133192 | | | |
| A/equine/Texas/117793/2005 | EPI\_ISL\_79867 | | | EPI281338 | | | |
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| A/equine/Tennessee/5/1986 | EPI\_ISL\_21061 | | | EPI133249 | | | |
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| A/equine/Tennessee/4A/2014 | EPI\_ISL\_220481 | | | EPI753432 | | | |
| A/equine/Tennessee/30A/2014 | EPI\_ISL\_220482 | | | EPI753438 | | | |
| A/equine/Tennessee/29A/2014 | EPI\_ISL\_220485 | | | EPI753456 | | | |
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| A/equine/Switzerland/P112/07 | EPI\_ISL\_177468 | | | EPI584115 | | | |
| A/equine/Switzerland/2225/1979 | EPI\_ISL\_22611 | | | EPI159277 | | | |
| A/equine/Switzerland/173/1993 | EPI\_ISL\_19676 | | | EPI153967 | | | |
| A/equine/Switzerland/1118/1979 | EPI\_ISL\_19679 | | | EPI153991 | | | |
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| A/equine/Sussex/93753/89 | EPI\_ISL\_8280 | | | EPI154465 | | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI240132 | | | |
| A/equine/Sussex/1/1989 | EPI\_ISL\_19884 | | | EPI240132 | | | |
| A/equine/South Kazakhstan/236/2012 | EPI\_ISL\_166607 | | | EPI542591 | | | |
| A/Equine/South Africa/4/03 | EPI\_ISL\_240665 | | | EPI873603 | | | |
| A/equine/Snailwell/98 | EPI\_ISL\_177489 | | | EPI584186 | | | |
| A/equine/Shropshire/10 | EPI\_ISL\_156748 | | | EPI584226 | | | |
| A/equine/Saone-et-Loire/1/2015 | EPI\_ISL\_257683 | | | EPI969087 | | | |
| A/equine/Sao Paulo/6/1963 | EPI\_ISL\_19670 | | | EPI153919 | | | |
| A/equine/Sao Paulo/1/1969 | EPI\_ISL\_19681 | | | EPI154007 | | | |
| A/equine/Sao Paulo/1.19/2012 | EPI\_ISL\_279065 | | | EPI1065027 | | | |
| A/equine/Santa Fe/1/1985 | EPI\_ISL\_19672 | | | EPI153935 | | | |
| A/equine/Sachiyama/1/1971 | EPI\_ISL\_25008 | | | EPI165406 | | | |
| A/equine/Romania/1/1980 | EPI\_ISL\_19680 | | | EPI153999 | | | |
| A/equine/Roma/5/1991 | EPI\_ISL\_19677 | | | EPI153975 | | | |
| A/equine/Rio Grande do Sul/1/12 | EPI\_ISL\_177502 | | | EPI584294 | | | |
| A/equine/Richmond/1/2007 | EPI\_ISL\_153499 | | | EPI501397 | | | |
| A/equine/Qinghai/1/1994 | EPI\_ISL\_32661 | | | EPI186893 | | | |
| A/equine/Perthshire/3/09 | EPI\_ISL\_156744 | | | EPI507495 | | | |
| A/equine/Oregon/78356/2012 | EPI\_ISL\_294934 | | | EPI1157895 | | | |
| A/equine/Ohio/113461-3/2005 | EPI\_ISL\_79870 | | | EPI281362 | | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281330 | | | |
| A/equine/Ohio/113461-2/2005 | EPI\_ISL\_79866 | | | EPI281330 | | | |
| A/equine/Ohio/113461-1/2005 | EPI\_ISL\_79869 | | | EPI281354 | | | |
| A/equine/Ohio/1/2003 | EPI\_ISL\_9534 | | | EPI98549 | | | |
| A/equine/Northamptonshire/1/2013 | EPI\_ISL\_151841 | | | EPI584251 | | | |
| A/equine/Newmarket/5/2003 | EPI\_ISL\_30894 | | | EPI235164 | | | |
| A/equine/Newmarket/2/1993 | EPI\_ISL\_30896 | | | EPI239742 | | | |
| A/equine/Newmarket/1/1993 | EPI\_ISL\_30895 | | | EPI239736 | | | |
| A/equine/New York/VR-297/1983 | EPI\_ISL\_8102 | | | EPI78007 | | | |
| A/equine/New York/146066/2007 | EPI\_ISL\_79900 | | | EPI281602 | | | |
| A/equine/New York/135857/2016 | EPI\_ISL\_294936 | | | EPI1157831 | | | |
| A/equine/New York/1/1983 | EPI\_ISL\_15356 | | | EPI133344 | | | |
| A/equine/New Market/nasalwash1/1979 | EPI\_ISL\_95198 | | | EPI332922 | | | |
| A/equine/New Market/1/1979 | EPI\_ISL\_95199 | | | EPI332929 | | | |
| A/equine/Neuville-Pres-Sees/1/2011 | EPI\_ISL\_257679 | | | EPI969084 | | | |
| A/equine/Mysore/1/2008 | EPI\_ISL\_74367 | | | EPI580106 | | | |
| A/equine/Moulton/98 | EPI\_ISL\_177487 | | | EPI584171 | | | |
| A/equine/Montana/9564-1/2015 | EPI\_ISL\_285417 | | | EPI1103406 | | | |
| A/equine/Montana/9233/2007 | EPI\_ISL\_79893 | | | EPI281546 | | | |
| A/equine/Miami/1/1963 | EPI\_ISL\_8092 | | | EPI77817 | | | |
| A/equine/Lincolnshire/1/2007 | EPI\_ISL\_29831 | | | EPI501404 | | | |
| A/equine/Lincolnshire/06 | EPI\_ISL\_177471 | | | EPI584126 | | | |
| A/equine/Liaoning/9/2008 | EPI\_ISL\_32659 | | | EPI186877 | | | |
| A/equine/Lanarkshire/09 | EPI\_ISL\_156747 | | | EPI507498 | | | |
| A/equine/Kyonggi/SA1/2011 | EPI\_ISL\_129971 | | | EPI398886 | | | |
| A/equine/Kentucky/Rosie100/1981 | EPI\_ISL\_15830 | | | EPI137540 | | | |
| A/equine/Kentucky/pass\_the\_pepper1/1976 | EPI\_ISL\_8093 | | | EPI77836 | | | |
| A/equine/Kentucky/magnificent\_genius1/1981 | EPI\_ISL\_8100 | | | EPI77969 | | | |
| A/equine/Kentucky/bitter\_boredom5/1976 | EPI\_ISL\_8094 | | | EPI77855 | | | |
| A/equine/Kentucky/8/1994 | EPI\_ISL\_15353 | | | EPI133287 | | | |
| A/equine/Kentucky/698/1988 | EPI\_ISL\_15347 | | | EPI133154 | | | |
| A/equine/Kentucky/694/1988 | EPI\_ISL\_15346 | | | EPI133135 | | | |
| A/equine/Kentucky/692/1988 | EPI\_ISL\_15345 | | | EPI133116 | | | |
| A/equine/Kentucky/5/02 | EPI\_ISL\_4663 | | | EPI25740 | | | |
| A/equine/Kentucky/4/1980 | EPI\_ISL\_8088 | | | EPI77741 | | | |
| A/equine/Kentucky/3/1986 | EPI\_ISL\_19663 | | | EPI153855 | | | |
| A/equine/Kentucky/3/1981 | EPI\_ISL\_15342 | | | EPI133040 | | | |
| A/equine/Kentucky/2/1987 | EPI\_ISL\_19104 | | | EPI152774 | | | |
| A/equine/Kentucky/2/1986 | EPI\_ISL\_21280 | | | EPI153847 | | | |
| A/equine/Kentucky/2/1981 | EPI\_ISL\_8090 | | | EPI77779 | | | |
| A/equine/Kentucky/2/1980 | EPI\_ISL\_20807 | | | EPI156246 | | | |
| A/equine/Kentucky/1277/1990 | EPI\_ISL\_15348 | | | EPI133173 | | | |
| A/equine/Kentucky/1/1992 | EPI\_ISL\_15350 | | | EPI133211 | | | |
| A/equine/Kentucky/1/1991 | EPI\_ISL\_15352 | | | EPI133268 | | | |
| A/equine/Kentucky/1/1987 | EPI\_ISL\_21060 | | | EPI133097 | | | |
| A/equine/Kentucky/1/1986 | EPI\_ISL\_15344 | | | EPI133078 | | | |
| A/equine/Kentucky/1/1981 | EPI\_ISL\_68957 | | | EPI240115 | | | |
| A/equine/Kentucky/1/1978 | EPI\_ISL\_8087 | | | EPI77722 | | | |
| A/equine/Kentucky/1/11 | EPI\_ISL\_177500 | | | EPI584277 | | | |
| A/Equine/Kent/1/15 | EPI\_ISL\_240663 | | | EPI873588 | | | |
| A/equine/Katra-Jammu/6/2008 | EPI\_ISL\_154972 | | | EPI580105 | | | |
| A/equine/Kascakew/1/1978 | EPI\_ISL\_69898 | | | EPI242352 | | | |
| A/equine/Jouars/4/2006 | EPI\_ISL\_257684 | | | EPI969082 | | | |
| A/equine/Johannesburg/1/1986 | EPI\_ISL\_20809 | | | EPI156262 | | | |
| A/equine/Italy/824/1991 | EPI\_ISL\_19673 | | | EPI153943 | | | |
| A/equine/Italy/1199/1992 | EPI\_ISL\_19674 | | | EPI153951 | | | |
| A/equine/Italy/1062/1991 | EPI\_ISL\_19678 | | | EPI153983 | | | |
| A/equine/Inner Mongolia/8/2008 | EPI\_ISL\_32660 | | | EPI186885 | | | |
| A/equine/Idaho/37875/1991 | EPI\_ISL\_6623 | | | EPI52079 | | | |
| A/equine/Ibaraki/1/2007 | EPI\_ISL\_297956 | | | EPI1172961 | | | |
| A/equine/Hubei/6/2008 | EPI\_ISL\_32657 | | | EPI186861 | | | |
| A/equine/Huabei/1/2007 | EPI\_ISL\_70195 | | | EPI243546 | | | |
| A/equine/Heilongjiang/SS1/2013 | EPI\_ISL\_161474 | | | EPI527598 | | | |
| A/equine/Heilongjiang/10/2008 | EPI\_ISL\_32658 | | | EPI186869 | | | |
| A/equine/Heilongjiang/1/2010 | EPI\_ISL\_144923 | | | EPI464997 | | | |
| A/Equine/Hampshire/4/2016 | EPI\_ISL\_240664 | | | EPI873596 | | | |
| A/equine/Guangxi/1/2008 | EPI\_ISL\_174545 | | | EPI573751 | | | |
| A/equine/Gironde/1/2014 | EPI\_ISL\_257682 | | | EPI969086 | | | |
| A/equine/Georgia/9/1981 | EPI\_ISL\_8097 | | | EPI77912 | | | |
| A/equine/Georgia/3/1981 | EPI\_ISL\_8096 | | | EPI77893 | | | |
| A/equine/Georgia/13/1981 | EPI\_ISL\_8099 | | | EPI77950 | | | |
| A/equine/Georgia/121362-16/2016 | EPI\_ISL\_294939 | | | EPI1157857 | | | |
| A/equine/Georgia/10/1981 | EPI\_ISL\_8098 | | | EPI77931 | | | |
| A/equine/Georgia/1/1981 | EPI\_ISL\_8095 | | | EPI77874 | | | |
| A/equine/Gansu/7/2008 | EPI\_ISL\_32656 | | | EPI186853 | | | |
| A/equine/France/1/1967 | EPI\_ISL\_22612 | | | EPI159285 | | | |
| A/equine/Fontainbleu/1/1979 | EPI\_ISL\_19682 | | | EPI154015 | | | |
| A/equine/Florida/146609/2011 | EPI\_ISL\_294944 | | | EPI1157867 | | | |
| A/Equine/East Sussex/1/2015 | EPI\_ISL\_240662 | | | EPI873580 | | | |
| A/equine/East Renfrewshire/2/11 | EPI\_ISL\_156750 | | | EPI584235 | | | |
| A/equine/Dubai/1/12 | EPI\_ISL\_177501 | | | EPI584285 | | | |
| A/equine/Dorset/09 | EPI\_ISL\_156746 | | | EPI507497 | | | |
| A/equine/Devon/1/11 | EPI\_ISL\_156749 | | | EPI584243 | | | |
| A/equine/Cordoba/18/1985 | EPI\_ISL\_19671 | | | EPI153927 | | | |
| A/equine/Cheshire/06 | EPI\_ISL\_177472 | | | EPI584134 | | | |
| A/equine/Cambremer/1/2012 | EPI\_ISL\_257680 | | | EPI969085 | | | |
| A/equine/California/8560/2002 | EPI\_ISL\_15843 | | | EPI137787 | | | |
| A/equine/California/83/1982 | EPI\_ISL\_15343 | | | EPI133059 | | | |
| A/equine/California/4537/1997 | EPI\_ISL\_15842 | | | EPI137768 | | | |
| A/equine/California/103/1982 | EPI\_ISL\_8101 | | | EPI77988 | | | |
| A/equine/California/1/1980 | EPI\_ISL\_8089 | | | EPI77760 | | | |
| A/equine/California/1/10 | EPI\_ISL\_177498 | | | EPI584268 | | | |
| A/equine/Buckinghamshire/1/2014 | EPI\_ISL\_197753 | | | EPI651397 | | | |
| A/equine/Berlin/1/1989 | EPI\_ISL\_19683 | | | EPI154023 | | | |
| A/equine/Belfond/6-2/2009 | EPI\_ISL\_257677 | | | EPI969083 | | | |
| A/Equine/Ayrshire/1/2013 | EPI\_ISL\_240595 | | | EPI873571 | | | |
| A/equine/Austria/421/1992 | EPI\_ISL\_19675 | | | EPI153959 | | | |
| A/equine/Ankara/1/2013 | EPI\_ISL\_281349 | | | EPI1076905 | | | |
| A/equine/Almaty/26/2007 | EPI\_ISL\_71977 | | | EPI383943 | | | |
| A/equine/Algiers/1/1972 | EPI\_ISL\_20808 | | | EPI156254 | | | |
| A/equine/Alaska/29759/1991 | EPI\_ISL\_15351 | | | EPI133230 | | | |
| A/equine/Ahmedabad/1/2009 | EPI\_ISL\_74364 | | | EPI580107 | | | |
| A/donkey/Shandong/1/2017 | EPI\_ISL\_284681 | | | EPI1098479 | | | |
| A/canine/VT/11039/2013 | EPI\_ISL\_166505 | | | EPI542271 | | | |
| A/canine/Virginia/93653/2009 | EPI\_ISL\_82078 | | | EPI289592 | | | |
| A/canine/Vermont/278213/2013 | EPI\_ISL\_294941 | | | EPI1157859 | | | |
| A/canine/Philadelphia/6371100/2008 | EPI\_ISL\_82057 | | | EPI289137 | | | |
| A/canine/Pennsylvania/96978/2009 | EPI\_ISL\_294937 | | | EPI1157836 | | | |
| A/canine/Pennsylvania/94930-3/2007 | EPI\_ISL\_79897 | | | EPI281578 | | | |
| A/canine/Pennsylvania/16699/2007 | EPI\_ISL\_79890 | | | EPI281522 | | | |
| A/canine/Pennsylvania/137154/2008 | EPI\_ISL\_79903 | | | EPI281626 | | | |
| A/canine/Pennsylvania/10915/2007 | EPI\_ISL\_79892 | | | EPI281538 | | | |
| A/canine/Pennsylvania/10909/2007 | EPI\_ISL\_79891 | | | EPI281530 | | | |
| A/canine/PA/33225.4/2010 | EPI\_ISL\_167696 | | | EPI542270 | | | |
| A/canine/PA/111788.2/2009 | EPI\_ISL\_166506 | | | EPI542272 | | | |
| A/canine/NY/dog9c16/2008 | EPI\_ISL\_81966 | | | EPI289593 | | | |
| A/canine/NY/dog8c19/2008 | EPI\_ISL\_82152 | | | EPI289603 | | | |
| A/canine/NY/dog8c14/2008 | EPI\_ISL\_81977 | | | EPI289602 | | | |
| A/canine/NY/dog8c11/2008 | EPI\_ISL\_82114 | | | EPI289601 | | | |
| A/canine/NY/dog8c07/2008 | EPI\_ISL\_81973 | | | EPI289600 | | | |
| A/canine/NY/dog7c20/2008 | EPI\_ISL\_81996 | | | EPI289607 | | | |
| A/canine/NY/dog7c19/2008 | EPI\_ISL\_81995 | | | EPI289606 | | | |
| A/canine/NY/dog7c18/2008 | EPI\_ISL\_82184 | | | EPI289605 | | | |
| A/canine/NY/dog7c16/2008 | EPI\_ISL\_81993 | | | EPI289604 | | | |
| A/canine/NY/dog7c13/2008 | EPI\_ISL\_81990 | | | EPI289599 | | | |
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| A/canine/NY/dog5c18/2009 | EPI\_ISL\_82071 | | | EPI289177 | | | |
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| A/canine/NY/dog5c15/2009 | EPI\_ISL\_82068 | | | EPI289174 | | | |
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| A/canine/NY/dog5c08/2009 | EPI\_ISL\_82063 | | | EPI289167 | | | |
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| A/canine/NY/dog5c04/2009 | EPI\_ISL\_82062 | | | EPI289163 | | | |
| A/canine/NY/dog5c03/2009 | EPI\_ISL\_82052 | | | EPI289183 | | | |
| A/canine/NY/dog5c02/2009 | EPI\_ISL\_82075 | | | EPI289182 | | | |
| A/canine/NY/dog5c01/2009 | EPI\_ISL\_82074 | | | EPI289181 | | | |
| A/canine/NY/dog4c11/2009 | EPI\_ISL\_82073 | | | EPI289180 | | | |
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| A/canine/NY/dog2c10/2009 | EPI\_ISL\_82049 | | | EPI289140 | | | |
| A/canine/NY/dog2c05/2009 | EPI\_ISL\_82039 | | | EPI289139 | | | |
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| A/canine/NY/dog2c02/2009 | EPI\_ISL\_82041 | | | EPI289142 | | | |
| A/canine/NY/dog21c11/2009 | EPI\_ISL\_82058 | | | EPI289138 | | | |
| A/canine/NY/dog1c20/2009 | EPI\_ISL\_82060 | | | EPI289150 | | | |
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| A/canine/NY/dog1c14/2009 | EPI\_ISL\_82024 | | | EPI289144 | | | |
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| A/canine/NY/dog1c06/2009 | EPI\_ISL\_82030 | | | EPI289162 | | | |
| A/canine/NY/dog1c05/2009 | EPI\_ISL\_82036 | | | EPI289161 | | | |
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| A/canine/NY/dog1c000003/2009 | EPI\_ISL\_82061 | | | EPI289159 | | | |
| A/canine/NY/4986/2006 | EPI\_ISL\_81919 | | | EPI289588 | | | |
| A/canine/NY/147926/2006 | EPI\_ISL\_82076 | | | EPI289590 | | | |
| A/canine/NY/120106.2/2011 | EPI\_ISL\_166503 | | | EPI542269 | | | |
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| A/canine/New York/100528-1/2006 | EPI\_ISL\_79884 | | | EPI281474 | | | |
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| A/canine/Maine/058124/2016 | EPI\_ISL\_294942 | | | EPI1157822 | | | |
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| A/canine/Florida/78592-7/2006 | EPI\_ISL\_79881 | | | EPI281450 | | | |
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| A/equine/Guangxi/1/2008 | | EPI\_ISL\_174545 | | EPI573747 | | | |
| A/Equine/Hampshire/4/2016 | | EPI\_ISL\_240664 | | EPI873595 | | | |
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| A/equine/Heilongjiang/SS1/2013 | | EPI\_ISL\_161474 | | EPI527600 | | | |
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| A/equine/Hissar/CMVL-HSR4/2008 | | EPI\_ISL\_190901 | | EPI621723 | | | |
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| A/equine/Hubei/6/2008 | | EPI\_ISL\_32657 | | EPI186860 | | | |
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| A/equine/Ohio/113461-3/2005 | | EPI\_ISL\_79870 | | EPI281361 | | | |
| A/equine/Oregon/78356/2012 | | EPI\_ISL\_294934 | | EPI1157855 | | | |
| A/equine/Perthshire/3/09 | | EPI\_ISL\_177492 | | EPI584209 | | | |
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| A/equine/Rio Grande do Sul/1/12 | | EPI\_ISL\_177502 | | EPI584293 | | | |
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| A/equine/Santa Fe/1/1985 | | EPI\_ISL\_19672 | | EPI153936 | | | |
| A/equine/Sao Paulo/1.19/2012 | | EPI\_ISL\_279065 | | EPI1065028 | | | |
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| A/equine/Switzerland/2225/1979 | | EPI\_ISL\_22611 | | EPI159278 | | | |
| A/equine/Switzerland/P112/07 | | EPI\_ISL\_177468 | | EPI584112 | | | |
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| A/equine/Tennessee/28A/2014 | | EPI\_ISL\_220480 | | EPI753468 | | | |
| A/equine/Tennessee/28B/2014 | | EPI\_ISL\_220484 | | EPI753449 | | | |
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| A/equine/Tennessee/30A/2014 | | EPI\_ISL\_220482 | | EPI753437 | | | |
| A/equine/Tennessee/4A/2014 | | EPI\_ISL\_220481 | | EPI753431 | | | |
| A/equine/Tennessee/5/1986 | | EPI\_ISL\_21061 | | EPI133251 | | | |
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| A/equine/Texas/39655/1991 | | EPI\_ISL\_15349 | | EPI133194 | | | |
| A/equine/Tottori/1/07 | | EPI\_ISL\_89221 | | EPI314453 | | | |
| A/equine/Uruguay/1/1963 | | EPI\_ISL\_21282 | | EPI154032 | | | |
| A/equine/Virginia/131054-3/2005 | | EPI\_ISL\_79899 | | EPI281593 | | | |
| A/equine/Wisconsin/1/03 | | EPI\_ISL\_9783 | | EPI99390 | | | |
| A/equine/Xinjiang/1/2007 | | EPI\_ISL\_32662 | | EPI186900 | | | |
| A/equine/Xinjiang/2/2007 | | EPI\_ISL\_32663 | | EPI186908 | | | |
| A/equine/Xinjiang/3/2007 | | EPI\_ISL\_32664 | | EPI186916 | | | |
| A/equine/Xinjiang/4/2007 | | EPI\_ISL\_32665 | | EPI186924 | | | |
| A/equine/Xinjiang/5/2007 | | EPI\_ISL\_32666 | | EPI186932 | | | |
| A/equine/Xuzhou/01/2013 | | EPI\_ISL\_151130 | | EPI489636 | | | |
| A/equine/Yokohama/aq13/2010 | | EPI\_ISL\_297955 | | EPI1172952 | | | |
| A/equine/Yorkshire/3/09 | | EPI\_ISL\_156745 | | EPI584217 | | | |
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| A/equine/Texas/39655/1991 | | | EPI\_ISL\_15349 | | EPI133197 | | | |
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| A/equine/Tennessee/28A/2014 | | | EPI\_ISL\_220480 | | EPI753467 | | | |
| A/equine/Tennessee/27A/2014 | | | EPI\_ISL\_220483 | | EPI753442 | | | |
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| A/equine/Sussex/1/1989 | | | EPI\_ISL\_19884 | | EPI154459 | | | |
| A/equine/South Kazakhstan/236/2012 | | | EPI\_ISL\_166607 | | EPI542626 | | | |
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| A/equine/Richmond/1/2007 | | | EPI\_ISL\_153499 | | EPI501396 | | | |
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| A/equine/Northamptonshire/1/2013 | | | EPI\_ISL\_151841 | | EPI584249 | | | |
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| A/equine/New York/VR-297/1983 | | | EPI\_ISL\_8102 | | EPI78012 | | | |
| A/equine/New York/452/2003 | | | EPI\_ISL\_9532 | | EPI98533 | | | |
| A/equine/New York/146066/2007 | | | EPI\_ISL\_79900 | | EPI281600 | | | |
| A/equine/New York/135857/2016 | | | EPI\_ISL\_294936 | | EPI1157810 | | | |
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| A/equine/New Market/nasalwash1/1979 | | | EPI\_ISL\_95198 | | EPI332921 | | | |
| A/equine/New Market/1/1979 | | | EPI\_ISL\_95199 | | EPI332926 | | | |
| A/equine/Neuville-Pres-Sees/1/2011 | | | EPI\_ISL\_257679 | | EPI969072 | | | |
| A/equine/Mysore/1/2008 | | | EPI\_ISL\_74367 | | EPI580100 | | | |
| A/equine/Moulton/98 | | | EPI\_ISL\_177487 | | EPI584169 | | | |
| A/equine/Montana/9564-1/2015 | | | EPI\_ISL\_285417 | | EPI1103403 | | | |
| A/equine/Montana/9233/2007 | | | EPI\_ISL\_79893 | | EPI281544 | | | |
| A/equine/Miami/1/1963 | | | EPI\_ISL\_8092 | | EPI77822 | | | |
| A/equine/Massachussetts/213/2003 | | | EPI\_ISL\_9529 | | EPI98535 | | | |
| A/equine/Malaysia/M201/2015 | | | EPI\_ISL\_201434 | | EPI1073180 | | | |
| A/equine/Lincolnshire/1/2007 | | | EPI\_ISL\_29831 | | EPI501401 | | | |
| A/equine/Lincolnshire/06 | | | EPI\_ISL\_177471 | | EPI584124 | | | |
| A/equine/Liaoning/9/2008 | | | EPI\_ISL\_32659 | | EPI186875 | | | |
| A/equine/Lanarkshire/09 | | | EPI\_ISL\_177490 | | EPI584192 | | | |
| A/equine/Kyonggi/SA1/2011 | | | EPI\_ISL\_129971 | | EPI398884 | | | |
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| A/equine/Italy/1062/1991 | | | EPI\_ISL\_19678 | | EPI153985 | | | |
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| A/equine/Hubei/6/2008 | | | EPI\_ISL\_32657 | | EPI186859 | | | |
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| A/equine/Heilongjiang/10/2008 | | | EPI\_ISL\_32658 | | EPI186867 | | | |
| A/equine/Heilongjiang/1/2010 | | | EPI\_ISL\_144923 | | EPI464973 | | | |
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| A/equine/East Renfrewshire/2/11 | | | EPI\_ISL\_156750 | | EPI584233 | | | |
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| A/equine/Dorset/09 | | | EPI\_ISL\_177491 | | EPI584200 | | | |
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| A/donkey/Shandong/1/2017 | | | EPI\_ISL\_284681 | | EPI1098477 | | | |
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| A/canine/NY/dog23/2009 | | | EPI\_ISL\_82094 | | EPI289221 | | | |
| A/canine/NY/120106.2/2011 | | | EPI\_ISL\_166503 | | EPI546869 | | | |
| A/canine/NY/105447/2008 | | | EPI\_ISL\_174477 | | EPI576526 | | | |
| A/canine/New York/51854/2008 | | | EPI\_ISL\_79902 | | EPI281616 | | | |
| A/canine/New York/5183-6/2006 | | | EPI\_ISL\_79871 | | EPI281368 | | | |
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| A/canine/New York/3699/2010 | | | EPI\_ISL\_294940 | | EPI1157873 | | | |
| A/canine/New York/1623.1/2010 | | | EPI\_ISL\_294943 | | EPI1157824 | | | |
| A/canine/New York/159903/2012 | | | EPI\_ISL\_294938 | | EPI1157879 | | | |
| A/canine/New York/158402-1/2008 | | | EPI\_ISL\_79905 | | EPI281640 | | | |
| A/canine/New York/147926-5/2006 | | | EPI\_ISL\_79888 | | EPI281504 | | | |
| A/canine/New York/147926-3/2006 | | | EPI\_ISL\_79887 | | EPI281496 | | | |
| A/canine/New York/145353/2008 | | | EPI\_ISL\_79904 | | EPI281632 | | | |
| A/canine/New York/115809/2005 | | | EPI\_ISL\_79864 | | EPI281312 | | | |
| A/canine/New York/115719/2007 | | | EPI\_ISL\_79896 | | EPI281568 | | | |
| A/canine/New York/100528-6/2006 | | | EPI\_ISL\_79886 | | EPI281488 | | | |
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| A/canine/New York/100525-1/2006 | | | EPI\_ISL\_79883 | | EPI281464 | | | |
| A/canine/Miami/2005 | | | EPI\_ISL\_64819 | | EPI226913 | | | |
| A/canine/Massachusetts/26810/2016 | | | EPI\_ISL\_234612 | | EPI839119 | | | |
| A/canine/Maine/058124/2016 | | | EPI\_ISL\_294942 | | EPI1157828 | | | |
| A/canine/Kentucky/118778/2006 | | | EPI\_ISL\_79889 | | EPI281512 | | | |
| A/canine/Jacksonville/2005 | | | EPI\_ISL\_64818 | | EPI226907 | | | |
| A/canine/Florida/89911-2/2006 | | | EPI\_ISL\_79882 | | EPI281456 | | | |
| A/canine/Florida/78592-7/2006 | | | EPI\_ISL\_79881 | | EPI281448 | | | |
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| A/canine/Florida/78592-2/2006 | | | EPI\_ISL\_79879 | | EPI281432 | | | |
| A/canine/Florida/61156-2/2006 | | | EPI\_ISL\_79895 | | EPI281560 | | | |
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| A/canine/Florida/43/2004 | | | EPI\_ISL\_9527 | | EPI98461 | | | |
| A/canine/Florida/242/2003 | | | EPI\_ISL\_9528 | | EPI98477 | | | |
| A/canine/Florida/15592.1/2004 | | | EPI\_ISL\_294945 | | EPI1157877 | | | |
| A/canine/Connecticut/85863/2011 | | | EPI\_ISL\_294935 | | EPI1157823 | | | |
| A/canine/Colorado/8880/2006 | | | EPI\_ISL\_79874 | | EPI281392 | | | |
| A/canine/Colorado/6723-8/2008 | | | EPI\_ISL\_79901 | | EPI281608 | | | |
| A/canine/Colorado/6723-8/2008 | | | EPI\_ISL\_79901 | | EPI281608 | | | |
| A/canine/Colorado/30604/2006 | | | EPI\_ISL\_79877 | | EPI281416 | | | |
| A/canine/Colorado/17864/2006 | | | EPI\_ISL\_79875 | | EPI281400 | | | |
| A/canine/Colorado/17864/2006 | | | EPI\_ISL\_79875 | | EPI281400 | | | |
| A/canine/California/70645-4/2006 | | | EPI\_ISL\_79878 | | EPI281424 | | | |