

〔最新情報：“玉手箱”〕最新アリル情報

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はじめに

最新アリル情報では、今までHLAアリルのシーケンスを掲載してきました。HLAアリルは前号で記述したように年々増加の一途をたどっています。最新アリル情報がMHC誌に掲載できるのは年に2回ですので、自ずから限界があります。もっとも最新のシーケンスを調べたい場合は、学会のホームページからリンクで見るのがもっとも簡単な方法です。しかしながら、シーケンスのホームページは英語で書かれており、ちょっと苦手な人には面倒かもしれません。そこで今回はHLA-Bアリルの最新のシーケンスを掲載すると同時に、英語のホームページを日本語化して読む方法を記述したいと思います。

英語ホームページの日本語化

外国のHLA関係のホームページを読もうとした場合、英語がネックになることもあると思いますが、インターネットにはホームページごと翻訳してくれる非常に便利なサイトがあります。実際に訳してみると、本来の単語の意味とはかけ離れた訳になることがあります。それなりに意味は通じると思いますが、これらのサイトを利用して、ASHI（アメリカ組織適合性学会）や第13回国際組織適合性ワークショップのホームページを覗いてみては如何でしょうか。きっとみなさまのお役に立つことと思います。これらのサイトを利用すれば、普段は読むことができない英語以外の韓国語やロシア語なども日本語化することができます。また、テキスト翻訳も用意されており、文献なども日本語化して読むことが

できます。どのサイトも一長一短ですが、その中でも割合まともなのが「Amikai翻訳」のホームページだと思います。日本語の英語化も行えますので、ちょっとした手紙を書きたい場合などには便利かもしれません。機械翻訳や辞書のリンク集があります。特に<http://www.kotoba.ne.jp/>はありとあらゆる分野の辞書類のホームページが提供されていますし、機械翻訳に関してもすべて掲載されています。自分に合うサイトを探して、試してみてください。

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B*07021	ATG CTG GTC ATG GCG CCC CGA ACC GTC CTC CTG CTC TCG GCG GCG CTC GCG ACC GAG ACC TGG GCG GGC TCC CAC TCC ATG AGG TAT TTC TAC ACC TCC GTG TCC CGG GCG GCG GAG GCG CCC GCG TTC ATC TCA GTG GGC	---	---	---	---	---	---
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	30	40	50	60	70	
B*07021	TAC GTG GAC GAC ACC CAG TTC GTG AGG TTC GAC AGC GAC GCC GCG AGT CCG AGA GAG CAG CCG GCG GTG ATA GAG CAG GAG GCG CCG GAG TAT TGG GAC CGG AAC ACA CAG ATC TAC BAC GCC CAG GCA CAG ACT GAC CGA GAG					
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	80	90	100	110	120
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	130	140	150	160	170
B*07021	AAC GAG GAC CTG CCG TCG ACC GCG GAC AGC GCG GCT CAG ATC ACC CAG CCG AAG TGG GAG CCG GCT GAC GAG GGC GAG TGC CTG GAG TGC CTC CCG AGA TAC CTG GAG AAC GGG AAG				
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B*5306	A	G	C	T	T	T	C	T	C
B*5307	A	G	C	T	T	T	C	T	C
B*5401	A	G	C	T	T	T	C	T	C
B*5402	A	G	C	T	T	T	C	T	C
B*5501	A	G	C	T	T	T	C	T	C
B*5502	A	G	C	T	T	T	C	T	C
B*5503	A	G	C	T	T	T	C	T	C
B*5504	A	G	C	T	T	T	C	T	C
B*5505	A	G	C	T	T	T	C	T	C
B*5507	A	G	C	T	T	T	C	T	C
B*5508	A	G	C	T	T	T	C	T	C
B*5509	A	G	C	T	T	T	C	T	C
B*5510	A	G	C	T	T	T	C	T	C
B*5601	A	G	C	T	T	T	C	T	C
B*5602	A	G	C	T	T	T	C	T	C
B*5603	A	G	C	T	T	T	C	T	C
B*5604	A	G	C	T	T	T	C	T	C
B*5605	A	G	C	T	T	T	C	T	C
B*5606	A	G	C	T	T	T	C	T	C
B*5607	A	G	C	T	T	T	C	T	C
B*5701	A	G	C	T	T	T	C	T	C
B*5702	A	G	C	T	T	T	C	T	C
B*57031	A	G	C	T	T	T	C	T	C
B*57032	A	G	C	T	T	T	C	T	C
B*5704	A	G	C	T	T	T	C	T	C
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B*78021	A	G	C	T	T	T	C	T	C
B*78022	A	G	C	T	T	T	C	T	C
B*7803	A	G	C	T	T	T	C	T	C
B*7804	A	G	C	T	T	T	C	T	C
B*8101	A	G	C	T	T	T	C	T	C
B*8201	A	G	C	T	T	T	C	T	C
B*8202	A	G	C	T	T	T	C	T	C
B*8301	A	G	C	T	T	T	C	T	C

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	230	240	250	260	270
B*07021	CAG GAC ACT GAG CTT GTG GAG ACC AGA CCA GCA GAT AGA ACC TTC CAG AAG TGG GCA GCT GTG GTG GCG CCT TCT GGA GAA GAG CAG AGA TAC ACA TGC CAT GTA CAG CAT GAG GGG CTG CCG AAG CCC CTC ACC CTG AGA TGG GAG	---	---	---	---
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	280	290	300	310	320
B*07021	COG TCT TCC CAG TCC ACC GTC GTC CCC ATC GTC GGC ATT GTT GCT GGC CTG GCT GTC CTA ... GCA GTT GTG GTC ATC GGA GCT GTC GTC GCT GCT GTC ATG TGT AGG AGG AAG AGT TCA GGT GGA AAA GGA GGG AGC TAC TCT CAG GCT GCG	---	---	---	---
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B*0720	---	---	---	---	---
B*0722	---	---	---	---	---
B*0723	---	---	---	---	---
B*0724	---	---	---	---	---
B*0801	---	---	---	---	---
B*0802	---	---	---	---	---
B*0803	---	---	---	---	---
B*0804	---	---	---	---	---
B*0805	---	---	---	---	---
B*0806	---	---	---	---	---
B*0807	---	---	---	---	---
B*0808N	---	---	---	---	---
B*0809	---	---	---	---	---
B*0810	---	---	---	---	---
B*0811	---	---	---	---	---
B*0812	---	---	---	---	---
B*1301	---	---	---	---	---
B*1302	---	---	---	---	---
B*1303	---	---	---	---	---
B*1304	---	---	---	---	---
B*1306	---	---	---	---	---
B*1307N	---	---	---	---	---
B*1401	---	---	---	---	---
B*1402	---	---	---	---	---
B*1403	---	---	---	---	---
B*1404	---	---	---	---	---
B*1405	---	---	---	---	---
B*14061	---	---	---	---	---
B*14062	---	---	---	---	---
B*1501101	---	---	---	---	---
B*1501102N	---	---	---	---	---
B*15012	---	---	---	---	---
B*15013	---	---	---	---	---
B*1502	---	---	---	---	---
B*1503	---	---	---	---	---
B*1504	---	---	---	---	---
B*1505	---	---	---	---	---
B*1506	---	---	---	---	---
B*1507	---	---	---	---	---
B*1508	---	---	---	---	---
B*1509	---	---	---	---	---
B*1510	---	---	---	---	---
B*15111	---	---	---	---	---
B*15112	---	---	---	---	---
B*1512	---	---	---	---	---
B*1513	---	---	---	---	---
B*1514	---	---	---	---	---
B*1515	---	---	---	---	---
B*1516	---	---	---	---	---

[illegible]


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          330
          *
B*07021 TGC AGC GAC AGT GCC CAG GGC TCT GAT GTG TCT CTC ACA GCT TGA
B*07022 *** **
B*07023 *** **
B*0703  ---
B*0704  ---
B*0705  ---
B*0706  ---
B*0707  *** **
B*0708  *** **
B*0709  *** **
B*0710  *** **
B*0711  *** **
B*0712  *** **
B*0713  *** **
B*0714  *** **
B*0715  *** **
B*0716  *** **
B*0717  *** **
B*0718  ---
B*0719  *** **
B*0720  *** **
B*0722  *** **
B*0723  *** **
B*0724  *** **
B*0801  ---
B*0802  ---
B*0803  *** **
B*0804  *** **
B*0805  *** **
B*0806  *** **
B*0807  *** **
B*0808N ---
B*0809  *** **
B*0810  *** **
B*0811  *** **
B*0812  *** **
B*1301  ---
B*1302  ---
B*1303  ---
B*1304  ---
B*1306  *** **
B*1307N ---
B*1401  -C- ---
B*1402  -C- ---
B*1403  *** **
B*1404  *** **
B*1405  *** **
B*14061 *** **
B*14062 *** **
B*1501101 -C- ---
B*1501102N -C- ---
B*15012  *** **
B*15013  *** **
B*1502  -C- ---
B*1503  -C- ---
B*1504  -C- ---
B*1505  -C- ---
B*1506  -C- ---
B*1507  -C- ---
B*1508  -C- ---
B*1509  -C- ---
B*1510  -C- ---
B*15111 -C- ---
B*15112 *** **
B*1512  -C- ---
B*1513  -C- ---
B*1514  -C- ---
B*1515  -C- ---
B*1516  -C- ---

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          340
          *
B*1517  -C- ---
B*1518  -C- ---
B*1519  -C- ---
B*1520  -C- ---
B*1521  -C- ---
B*1522  -C- ---
B*1523  -C- ---
B*1524  *** **
B*1525  -C- ---
B*1526N -C- ---
B*1527  *** **
B*1528  *** **
B*1529  *** **
B*1530  *** **
B*1531  *** **
B*1532  *** **
B*1533  *** **
B*1534  *** **
B*1535  *** **
B*1536  *** **
B*1537  *** **
B*1538  *** **
B*1539  *** **
B*1540  *** **
B*1542  *** **
B*1543  *** **
B*1544  *** **
B*1545  *** **
B*1546  *** **
B*1547  *** **
B*1548  *** **
B*1549  *** **
B*1550  *** **
B*1551  *** **
B*1552  *** **
B*1553  *** **
B*1554  -C- ---
B*1555  -C- ---
B*1556  *** **
B*1557  *** **
B*1558  *** **
B*1559  *** **
B*1560  *** **
B*1561  *** **
B*1562  *** **
B*1563  *** **
B*1564  *** **
B*1801  -C- ---
B*1802  -C- ---
B*1803  *** **
B*1804  *** **
B*1805  *** **
B*1806  -C- ---
B*1807  *** **
B*1808  *** **
B*1809  *** **
B*1810  *** **
B*1811  *** **
B*1812  *** **
B*2701  *** **
B*2702  ---
B*2703  ---
B*2704  ---
B*27052 ---
B*27053 *** **
B*27054 *** **
B*2706  ---
B*2707  ---
B*2708  ---
B*2709  ---
B*2710  *** **

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B*4412 *** **
B*4413 *** **
B*4414 *** **
B*4415 *** **
B*4416 *** **
B*4417 *** **
B*4418 *** **
B*4419N *** **
B*4420 *** **
B*4421 *** **
B*4422 *** **
B*4501 -C- *** **
B*4502 *** **
B*4503 *** **
B*4601 -C- *** **
B*4602 *** **
B*4701 *** **
B*4702 *** **
B*4703 *** **
B*4801 *** **
B*4802 -C- *** **
B*4803 *** **
B*4804 *** **
B*4805 *** **
B*4806 *** **
B*4807 *** **
B*4901 -C- *** **
B*4902 *** **
B*4903 *** **
B*5001 -C- *** **
B*5002 -C- *** **
B*5004 *** **
B*51011 -C- *** **
B*51012 *** **
B*51013 *** **
B*51014 *** **
B*51021 -C- *** **
B*51022 -C- *** **
B*5103 -C- *** **
B*5104 -C- *** **
B*5105 *** **
B*5106 *** **
B*5107 *** **
B*5108 -C- *** **
B*5109 *** **
B*5110 *** **
B*5111N *** **
B*5112 *** **
B*51131 *** **
B*51132 *** **
B*5114 *** **
B*5115 *** **
B*5116 *** **
B*5117 *** **
B*5118 *** **
B*5119 *** **
B*5120 *** **
B*5121 *** **
B*5122 *** **
B*5123 *** **
B*5124 *** **
B*52011 -C- *** **
B*52012 -C- *** **
B*52013 *** **
B*5202 *** **
B*5203 *** **
B*5301 -C- *** **
B*5302 *** **
B*5303 *** **
B*5304 *** **
B*5305 *** **

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B*5306 *** **
B*5307 *** **
B*5401 -C- *** **
B*5402 *** **
B*5501 -C- *** **
B*5502 -C- *** **
B*5503 *** **
B*5504 *** **
B*5505 -C- *** **
B*5507 *** **
B*5508 *** **
B*5509 *** **
B*5510 *** **
B*5601 -C- *** **
B*5602 -C- *** **
B*5603 -C- *** **
B*5604 *** **
B*5605 *** **
B*5606 *** **
B*5607 *** **
B*5701 *** **
B*5702 *** **
B*57031 *** **
B*57032 *** **
B*5704 *** **
B*5705 *** **
B*5706 *** **
B*5707 *** **
B*5801 -C- *** **
B*5802 -C- *** **
B*5804 *** **
B*5805 *** **
B*5806 *** **
B*5901 -C- *** **
B*67011 -C- *** **
B*67012 *** **
B*7301 -C- *** **
B*7801 -C- *** **
B*78021 -C- *** **
B*78022 *** **
B*7803 *** **
B*7804 *** **
B*8101 *** **
B*8201 *** **
B*8202 -C- *** **
B*8301 *** **

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