

本書で登場した用語・表現を英語から探せます。

Step 1「鍵となる6つの用語を学ぼう」の用語は色太字で示しています。

A	adverse	208	amphioxus	177	artificial	271	base XX on YY	207,
a	adverse effect(s)	208	amytrophic	234	as well as	28		218
a [an] A-to-B ratio	adverse event(s)	398	amytrophic lateral		as well as YY	208	XX-based	287, 358, 384
a boil	affect XX	374	sclerosis	234	as XX	139, 287	basis	190
a XX	affinity	386	analyzed	21	ascidian(s)	180	B-cell(s)	324
ability (to do)	against XX	270, 356	anatomical	190	aspiration	374	be involved in XX	176
abnormal	age(s)	86, 289	ancestor(s)	178, 307	assess XX	140	be located ~	128, 207
above XX	agent(s)	133	XX and beyond	355	assessment(s) of XX		Beagle(s)	86
abundant	aggregation	386	androgynous flower(s)			257	beaker(s)	46 , 68
acceptable	aging	286		306	assist in XX	141	because of XX	307
accompany	agriculture	356	animal(s)	85	associate with XX	288	begin (to do)	162
accumulate	aim	321, 343	annually	79	associate XX with YY		below XX	76
acid and base	aim(s)	399	anterior	175		255	beneath XX	128
acquire XX	albumin	139	anterior-posterior axis		asterisk(s)	113	beneficial	163, 221
across XX	allergen(s)	395		114	astronaut(s)	274	between XX	193, 245
	allergic disease(s)	396	anteroposterior axis	114	at XX	53	biannually	79
action	allergy	390	antibody	315	atraumatic	150	biennially	79
activate XX	allocate XX	230	antigen(s)	325	atria	250	biochemical	246
activation	allow for XX	306	antigenic	325	atrial	256	biodegradable	334
active	allow XX to do	373	antimicrobial	151	atrium	250	biofabrication	338
active histone mark(s)	almost always	261	antiviral	322	attention	340	biological	339
	along with XX	128	A-P axis	114	autoclave(s)	61	biological(s)	398
active histone	alongside XX	177	appear	180	automated	88	biosynthesis	245, 344
methylation mark(s)	already	178	appear (to do)	303	autophagic	232	blend (in/to/into XX)	
	also	28	appendage(s)	126	autophagy	226		129
actively	alteration(s)	287	application	151	avenue(s)	344	B-lymphocyte(s)	324
activity	alternation(s)	304	application(s)	132,	average	86	body axis	114
adaptive	alternative	290		338, 357, 397	axis	100	body condition score(s)	
adaptive immune	alternative splicing	291	applications	22	axon(s)	185		87
response(s)	alternative(s) to XX	385	apply XX	140			boiling	69
add XX	although	28	approach(es)	149, 254,	B		bond(s)	133
additional	although AA, BB	220		326	B cell(s)	324	bone calcium resorption	
additionally	aluminium foil	61	approximately	81	BaByliss	140		273
address XX	aluminum foil	61	are(s)	345	bacteria	332	bone resorption	273
adenohypophyseal	always	261	area(s)	175, 191, 207,	bacterial	356	bone(s)	262
adopt XX	Alzheimer's disease			357	bacterium	332	both	88
adrenal		234	argue	22, 308	balance	163, 233	both A and B	243, 397
adrenal gland(s)	amidst XX	162	argue for XX	308	balance XX	231	boudary	129
adult	among other XXs	190	arise	244	balance(s)	60, 69	bouncing	271
advance XX	among others	190	around XX	205	band(s)	272	bovine	139
advance(s)	among XX	106, 190,	array(s)	108	barrier(s)	159, 342	bovine serum albumin	
advancement(s)		245, 230, 387	arrow(s)	108	base	108, 359		139
	amphiox	177	article(s)	220	base pairing	360	brain(s)	184 , 207

- breed(s) 86, **368**
 brief history 358
 bring a volume to XX
 mL 69
 bring XX 68
 bring XX to a [the] boil
 68
 broad 304
 broaden 162
 broken line(s) 113
 BSA 139
 buffer(s) 139
 burner(s) 61
 by XX 76
- C**
- calcium **263**
 calculated 21
 cancer(s) 218
 candidate(s) 270
 capacity 356
 carbon 221
 carbon(s) 221
 cardio- 270
 caretaker(s) 87
 Cas protein(s) 355
 Cas9 356
 cascade(s) 233
 case(s) 385
 catalyst(s) 357
 catalytically 357
 categorized 21
 cattle 373
 caudal 107
 cause(s) 288
 cell(s) 127, 175, **225**,
 244, 287, 307, 387
 cellular 176, 245
 cellulose **334**
 centi- 94
 centigrade(s) 96
 centimeter(s) 87, 94
 central 207
 chain(s) 243
 challenge(s) 341
 change(s) in XX 287
 characteristic 180
 characteristic(s) 340
 characterize XX 205
 chemical 141, 384
 chemical(s) 138
 chemistry 150
- chemo- 177
 chemomechanical 150
 chemosensory 177
 chordate 176
 chordate(s) 176
 chromatin mark(s) 288
 chromatin(s) **280**, 357
 chromosome(s) 308
 chronicle XX 385
 circadian **200**
 circadian clock(s) 207
 circadian system 209
 circle(s) 108, 113
 circuitry 190
 circular 269
 circulate 204
 clinical 150, 204, 219
 clock(s) 207
 close 161
 cm 87, 94
 cm³ 95
 coculture XX 343
 codon(s) 360
 cognition 205
 collect XX 51
 column(s) **100**
 combat XX 274
 combination(s) 398
 combine XX with YY
 398
 commercial 141
 common 138, 178,
 194, 306
 commonly 255
 completely 69, 78
 complexity 244
 complicate XX 326
 component(s) 179
 comprehensive 269,
 322
 comprise XX 257
 concentration(s) 69
 conclude with XX 358
 condition 87
 condition(s) 160, 256,
 343
 conduct XX 322, 374
 confusing 256
 congenital 255
 connect to XX 221
 connect XX 178
 connective 128
- connective tissue(s) 128
 connectivity 193
 consecutively 79
 constitute XX 193
 consumption(s) 218
 container(s) **46**
 content(s) **133**
 context(s) 193
 continually 159
 contribution (to XX)
 285
 control 244, 270, 306
 control group(s) 162
 control XX 162, 326
 conversely 28
 convert XX 309
 coordinate XX 194, 324
 correlate with XX 287
 correlation 375
 correlation(s) 289
 cortex **185**
 cortical 191
 cortices **185**
 cost(s) 342, 375
 could 22
 countermeasure(s) **264**
 cow(s) 374
 cranial 176
 creation 106
 CRISPR 355
 CRISPR/Cas 356
 critical 326
 cross(es) 113
 crosstalk(s) 232
 crucial (for doing)
 231, 321
 Cryptophyte 53
 cubic centimeter(s) 95
 cubic meter(s) 95
 cue(s) 309
 cultivation 343
 culture plate(s) 59
 culture XX **333**
 curl XX 140
 current 322, 342
 currently 151
 cycle(s) 242
 cylinder(s) 272
 cytosolic 245
- D**
- d 96
 dagger(s) 113
 daily 79, 206
 dashed dotted line(s)
 113
 dashed double-dotted
 line(s) 113
 dashed single-dotted
 line(s) 113
 data 178, 290
 datum 178, 290
 day(s) 96
 decade(s) 207
 deci- 94
 decimal fraction(s) 94
 decimal point(s) 94
 decimal(s) 94
 decline 287
 deconditioning **264**
 decrease 288
 defect(s) 230, 255
 defective 233
 defense(s) 323
 define XX 107, 179
 degradation 220, 386
 degree(s) Celsius 96
 degree(s) Fahrenheit 96
 delay XX 149
 delicate 232
 demand(s) (for XX)
 339
 dementia 234
 demineralization 269
 demonstrated 21
 denaturation 386
 denominator(s) 94
 dental caries **145**
 deoxyribonucleic acid
 **278**
 depend on XX 193
 dermis **122**
 describe XX 221
 description(s) 178, **251**
 design 384
 design XX 270
 despite 28
 despite XX 141, 160
 detailed 233
 detect XX 88, 174, 323
 detection 325
 detection (of XX) 88
 determination 303
 determine XX 87,
 150, 361
- develop XX 174, 219,
 321, 339, 397
 developed 21, 396
 developed country 396
 development 141, 175,
 308, 398
 developmental 52, 308
 diet(s) 396
 dietary 161, 218
 differ 303
 differential 289
 differently 220
 digit group separator(s)
 93
 digit(s) 93
 digital 87
 dilute XX 70
 dioecious 307
 dioecy 308
 direct 87
 XX-directed 361
 direction(s) 107, 257,
 322, 358
 directly 78
 discovered 21
 discuss 22
 discuss XX 151, 162,
 180, 221
 Discussion 15
 disease(s) 160, **250**, 384
 disruption 139, 325, 362
 dissolve **64**
 distill **64**
 distilled 68
 distilled water 68
 distinct 179
 distinction 308
 disulfide 139
 disulfide bond(s) 139
 diverging 176
 diverse 159, 356
 DNA **278**
 dog(s) 85
 dorsal 107
 dorsal-ventral axis
 107, 114
 dorsoventral axis 107,
 114
 dose(s) 374
 dotted line(s) 113
 double strand break(s)

.....361	employ XX.....325	exploitation.....163	frontotemporal.....233	globally.....288
double strand DNA 361	emulate XX.....272	explore XX.....139, 151,	frontotemporal dementia.....234	glove(s).....62
double-dagger(s) ...113	enable XX.....385	160, 342	234	glucocorticoid(s) ... 199
double-headed.....108	endogenous.....205, 221	exponentiation.....93	fructose..... 213	glucose..... 213
double-obelisk(s) ...113	energy.....204, 238	exposure.....269	FSH.....374	glycolysis.....220, 238
double-strand break(s).....361	energy metabolism...205	express XX.....192, 289	fully.....78, 220	goal(s).....161
downregulation.....289	engineer XX.....384	expression(s) ... 279 , 303	fume chamber(s).....62	graduated cylinder(s).....70
drive (from XX).....126	engineering.....344, 357	extensive.....244	fume cupboard(s).....62	graduated flask(s) ... 61
<i>Drosophila</i>286	enhance XX.....151, 343	external.....141	fume hood(s).....62	gray.....108
drug(s).....385	enhanced.....387	extra.....193	function.....232	Greek.....107
dry heat sterilizer(s).....61	enough.....273	extrahypothalamic...193	function(s).....159, 191,	grey.....108
due to XX.....149, 244,	ensure XX.....231, 326	extremely.....163	244	groundbreaking.....340
340, 375	enterovirus(es).....320	F	functional.....160, 204,	group(s).....270
duration(s).....398	environmental...309, 343	facia.....127	247	growth.....219
during XX.....175	enzyme(s) 214 , 244, 356	factor(s).....219	functioning.....232	guarantee XX.....232
D-V axis.....114	epicutaneous.....397	fascia.....127	fundamental.....307	gulf(s).....51
dynamic(s).....160	epidermis.....126	faster.....271	fundamental (to XX).....232	gut(s)..... 154
dynamics.....271	epithelium..... 155	fate(s).....221	further.....22, 244, 274	
disregulation.....286	error bar(s).....113	feature(s).....257	furthermore.....140, 193,	
	error(s).....361	feed XX.....53	344	
	especially.....396	feedback.....189	fusion.....139	
E	essay(s).....256	fiber(s).....138	future.....22	H
each XX.....359, 374	essential.....19, 231, 243,	fibroin.....139		h.....96
ear canal(s).....88	257, 290	field(s).....106	G	H3K36me3.....288
early.....176	establish XX...127, 285	figure(s).....93, 99	g.....69, 95	H3K4me3.....288
ease.....397	XX et al.....106	filled.....108	gain XX.....149, 340	habitual.....206
easily.....309	eave XX.....325	filtered.....52	gait(s).....271	hagfish(es).....177
eco-friendly...141, 340	evaluate XX...86, 141,	fitness..... 296	gametophytic.....305	hair follicle(s)..... 123
ectoderm.....175	374	flask(s)..... 46	gap(s).....322	half.....385
effect(s).....141, 208	evaluated.....21	fluoride..... 146	gastrointestinal.....159	harbor XX.....159
effective.....321, 376,	evasion.....322	fly.....287	gastrointestinal tract.....159	hardly.....261
386, 397	even though.....28	focus on XX...149, 307,	159	harness XX.....362
effectiveness.....397	evening(s).....206	322	gender(s)..... 295	harsh.....138
efficacy.....150, 399	event(s).....289	focus(es) on XX...339	gene disruption.....362	has/have been ...19
efficiency.....140	every time.....261	follicle stimulating..... 349	gene editing..... 349	has/have not ...19
effort(s) (to do).....326	evidence.....208, 219	hormone.....374	gene(s).....177, 279	has/have shown.....19
either.....361, 398	evolution(s)..... 169	follicle(s).....374	gene-editing.....357	have access to XX...87
either of XX.....305	evolutionary...174, 308	follow XX.....179	generally.....261	have XX.....86
electron transport chain..... 238	evolve.....306	following.....257	generate XX...161, 324	HDR.....361
electron(s).....243	examine XX...209, 321	force(s).....273	generation(s).....304	head(s).....106
elicit XX.....269	examined.....21	forceps.....60	genetic.....308, 344	health.....160
elimination.....396	exceed XX.....357	form.....175	genome(s)..... 349	heart(s)..... 249
elimination diet(s).....396	exhibit XX.....271	form XX.....127	gently.....52, 78	heating plate(s).....68
elucidate XX.....247	existence.....193	formation.....139	germ cell line(s)..... 296	hence.....29
embryo(s)..... 368	expand.....162	formulation(s).....140	germ line(s)..... 296	Here.....20
embryologist(s).....375	expand XX.....151	found.....21	germline(s)..... 296	hermaphroditic.....306
emerge.....162, 320, 340	experience XX.....271	foundation(s).....209	GI.....159	hertz.....97
emerge as XX...340, 385	experiment(s).....191	fraction bar(s).....94	GIT.....159	heterotrophic.....243
emerging.....385	experimental..... 46 , 68,	fraction(s).....94	give XX.....106, 107	highly.....340
emphasize XX.....341	219	fractional number(s).....94	gland(s)..... 123	histologically.....127
	experimentally.....271	frequently.....79, 261	glass.....53	histone(s).....285

- historically 385
home 274
homeostasis **227**
homeostasis **227**
homology 361
homology-directed repair 361
horizontal 108, 269
horizontal axis 114
horizontally 271
hormonal 309
hormone(s) **368**
host 208
host(s) 160, 320
hour(s) 96
hourly 79
however 19, 28
huge 230
hypodermis 127
hypothalamic 190, 193
hypothesize 22
hypothesize XX 193
hypotrophy 269
- I**
identify XX 53, 322
IgE 396
imaging 357
immediately 78
immune 161, 356
immunity 205, **314**
immunogenicity 387
immunoglobulin E 396
immunoglobulin(s) 395
immunology 320
immunotherapy **391**
impact XX 287
impact(s) 138, 161, 358
impair XX 396
impaired 357
implementation 396
implication(s) 209
important 19
improve XX 326, 344, 399
improved 373, 387
in addition 221
in general 245
in particular 219, 245
in relation to XX 256
in terms of XX 398
in the context of XX 150
- In this paper 20
In this study 20
in turn 192
in turns 192
in vitro 386
in vitro fertilization **367**
in vivo **381**
in XX 51, 68, 75
inactive 357
include XX 204, 245, 257, 286
including XX 150
incorrect 256
increase XX 192
increase(s) 141
increased 218, 386
indel(s) 362
indicate XX 208, 375
indication(s) **146**
indirectly 78
individual 360
individual(s) 51
induce XX 219
industry 340
infiltration 150
influence XX 161
infrared 88
innate 322
innate immune response(s) 323
innovation(s) 344
innovative 342
input(s) 192
insertion 87
inside XX 269
insight(s) (into XX) 177, 320
instability 342
instead 28
insufficient 19
intake(s) 219
integrate XX 177
integration 339
integumentary 127
integumentary system 127
intense 273
intensely 78
interaction(s) 87, 175, 244, 320
interest(s) 218
interferon(s) 323
intermediate(s) 220
internal 141, 208, 232
intervention(s) 323
intestinal **154**
into XX 69, 75
introduce XX 256
Introduction 15
invade XX 356
invasive **145**
inverse triangle(s) 113
inverted triangle(s) 113
investigate XX 399
involve XX 176, 233, 290, 308
IVF **367**
- K**
K 96
kelvin(s) 96
keratin 139
keratinocyte(s) 128
key 19
kg 86, 95
killer(s) 324
kilogram(s) 86, 95
XX kit(s) 355
knowledge 163, 322
known 219
Komagataeibacter 343
- L**
L 52, 95
lab coat(s) 62
labor 375
laboratory 52
laboratory coat(s) 62
Labrador Retriever(s) 86
lack of XX 376
lack XX 306
lamprey(s) 177
landscape(s) 286
lap(s) 273
larva 52
lateral 234
lateral sclerosis 234
layer(s) **122**, 343
lead to XX 218, 339, 384
leather 339
length(s) 106
less 192, 256
less XX 128
level(s) 206, 307
leverage XX 343
lie 127
life 159
like XX 271, 341
likely 22, 163, 178
likewise 28
limitation(s) 150, 398
limited 19
lineage(s) 176
link(s) 308
lipogenesis 221
liter(s) 52, 95
literature 149, 322
literature review(s) 149
little 19
locate XX 128, 192, 206
location(s) 87
locomotion 270
long-lasting 269
loose 128
low-gravity 269
lunar 272
- M**
m 94
M 96
m² 95
m³ 95
machinery 207
macronutrient(s) 232
main 127
maintain XX 272, 290
maintenance 231
major 180, 204, 256
make up the volume 70
make XX 128
make XX YY 344
malalign XX 255
malalignment 254
mammal(s) 287
mammary 127
mammary glands 127
marbling 373
mark(s) 285
master 206
material(s) 149, **333**
Materials & Methods 15
materials science 340
may do/be 306
may/might 22
measure XX 70, 87, 140
measured 21
measurement **80**
measuring cylinder(s) 70
measuring flask(s) 61, 70
mechanical 343
mechanism(s) 162, 178, 219, 257, 303, 321
mediate XX 233, 308
XX-mediated 396
medical 356
medicine(s) **381**
meganuclease(s) 359
membrane(s) 88
metabolic 219
metabolism 204, **214**, 242, 373
metabolite(s) **155**
metagenomic 160
meter(s) 94
method(s) 141
methylation 285
methyltransferase(s) 289
mg 95
micro- 94
microbial **154**
microbiota **154**
microgram(s) 95
microliter(s) 95
micrometer(s) 94
microscope(s) **47**
mildly 78
milli- 94
milligram(s) 95
milliliter(s) 68, 95
millimeter(s) 94, 108
millimeter(s) of mercury 97
min 96
minimal 206
minimally 149
minute(s) 96
misalignment 208
mitochondria **239**
mitochondrial 243
mitochondrion **239**
mL 68, 95
mm 94, 108
mmHg 97

mobilization 231	NK cell(s) 324	OT 190	perhaps 22	prepare for XX 326
modality 151	NK(s) 324	other 52	peripheral 199	prepare XX 139
model(s) 106	nm 95	otherwise 28	permeability 387	preparedness 326
moderately 78	no longer 356	outbreak(s) 326	perming 138	present 209
modification(s) 287	noise(s) 192	outcome(s) 368	Petri dish(es) 59	present XX 220, 340
modular 306	non-homology end	outlet septum 255	pH 96, 139	press XX 88
modularity 307	joining 361	outlet(s) 255	pharmaceutical(s) 340	presumably 161
modulate XX 190, 288	normally 205	output(s) 89, 288	pharmacokinetics 381	pre-tensed 272
modulator(s) 204	northern 51	overcome XX 342	phase(s) 305	prevalence(s) 391
module(s) 307	not ever 261	overlap with XX 290	phenotype(s) 286	prevent XX 273
mol/L 96	note XX 180	overview(s) 220, 233, 304	pheromone(s) 174	prevention 209, 321
molar(s) 96	novel 209	oxytocin 190	phosphate(s) 139	previous studies 19
mole(s) per liter 96	nuclease(s) 350	oxytocinergic 189	photoreceptor(s) 286	principle(s) 358
molecular 176, 207, 245, 286	nuclei 207		photorespiratory 245	procedure 63
molecule(s) 226 , 385	nucleotide(s) 221	P	photosynthetic 245	procedure(s) 133
momentum 149	nucleus 207	p 375	phototransduction 290	process(es) 138, 179, 232, 245, 287, 339
monecious 307	numerator(s) 94	Pa 97	phylogenetic tree(s) 180	produce XX 161, 179, 190, 341
monoecy 308	nutrient(s) 230	pacemaker(s) 200	physiological 244	product(s) 141, 161
monotherapy 398	nutritional 231, 343	pairing 360	physiology 370	production 221, 323
morphogenetic 179		paradigm shift(s) 386	pictorial 256	profile XX 288
XX-most 107	O	paradigm(s) 380	pipet XX 70	profile(s) 397
most 255, 303	obelisk(s) 113	paraphyletic 180	pipet(s) 47	programmable 356
mostly 128, 261	obesity 219	paraphyly 180	pipette XX 70	progress 322
mount XX 325	objective(s) 374	Parkinson's disease 233	pivotal 341	project XX 191
multidisciplinary 326	observation 218	part(s) 206, 255	place(s) 93	project XX to do 384
multiple 87	observation(s) 218	participant(s) 263	placode(s) 175	proliferation 220
multi-well plate(s) 59	observe XX 141, 290	participants 20	plane(s) 256	prominent 205
muscle(s) 263	observed 21	participate in XX 244	plant(s) 302	promise 325
mystery 320	obtain XX 88, 108	particularly 141, 339	play a role in XX 290	promise to be XX 273
	obviate XX 149	partly 206	plus cross(es) 113	promising 340
N	occasionally 261	Pascal(s) 97	point (to XX) 162	promote XX 138, 219
nail(s) 127	odorant(s) 174	past 19, 207	point cloud(s) 108	XX-prone 361
nano- 94	offset 107	paste(s) 69	polymorphism(s) 297	prone to XX 386
nanometer(s) 95	often 192, 256, 261, 397	pathogen(s) 315	polyol(s) 221	proper 232, 290
natural 324	olfactory 169	pathological 256	poor 19	property 138, 151, 176, 343
natural killer cell(s) 324	on XX 68, 75	pathology 149	poorly 288	propose XX 193
nature 243	once 356	pathophysiological 160	population(s) 159	protect XX 141
need(s) 231	only XX 162	pathway(s) 162, 214 , 232, 243, 325	portable 89	protective 141
negative 138	onto XX 75	patient(s) 391	possibility 22	protective goggles 62
nerve cell(s) 226	open circle(s) 113	patients 20	possibly 22	protein(s) 132 , 244, 384
network(s) 194	optimize XX 343	P-D axis 114	post-mitotic 230	protocol(s) 397
neuro- 270	optimum 270	peak 273	potential 140	prove XX 374
neurodegeneration 230	option(s) 398	peak(s) 206	potential XX 140	prove XX (to be) 163
neurological 321	oral 391	peculiarity 304	potentially 308	provide XX 106, 141, 233, 304
neuromodulation 190	organ(s) 168	pendular 271	pour 63	provision 243
neuron(s) 175, 185 , 226	organelle(s) 225	peptide(s) 190	power(s) 93	proximal-distal axis 114
neuronal 191, 290	organism(s) 51	per cent 68	precipitate XX 233	proximity 161
neuropeptide(s) 190	orientation(s) 108	percent 68	precise 219, 362	proximodistal axis 114
neurotransmission 231	origin 114	percent weight per volume 70	predate XX 178	
never 261	origin(s) 174, 192		preparation 68	
NHEJ 361	osillation 205			

- p-value 375
- Q**
- QOL 396
- quality 396
- quality of life 396
- quantified 21
- quantitative **296**
- quickly 78, 274
- R**
- radii 271
- radius 271
- raise XX 398
- random 362
- range(s) 244
- rapidly 208
- rarely 261
- rat(s) 106
- rather 28
- rather than XX 270
- ratio(s) 192
- R-C axis 114
- readily 160
- reading(s) **80**
- rearing 53
- recent· 149, 162, 192, 397
- recent years 19
- recently 19, 245
- receptor(s) **168**, 192, 323
- reciprocal 193
- recognition 323
- recognize XX 206, 256, 304
- recombinant 139
- record XX 88
- rectal 87
- recycle XX 232
- redox 231, 245
- reduced 387
- reference(s) 257
- rival 385
- reflect XX 206
- regime(s) 273
- regimen(s) 273
- region(s) **184**
- regularly 261
- regulate XX 286
- regulation 159, 244
- regulation(s) 357
- relationship(s) 180
- relax XX 308
- remain 325
- remain XX 160
- remaining 107
- remedial 163
- removal 150
- renewable 339
- renewal 231
- repair XX 361
- representative 108
- reproduction **367**
- research 52
- resin 150
- resistance to XX 140
- resorption 273
- resource(s) 339
- respect for XX 303
- respect(s) 303
- respectively 79, 109
- respiration **237**
- respiratory 242, 270, 321
- response(s) **155**, 205, 309, 321
- restoration **145**
- restorative 150
- restore XX 163
- restriction enzyme(s) 359
- result in XX 361
- Results 15
- return 274
- reveal XX 141, 289
- revealed 21
- review XX 177
- review(s) 149, 162, 180, 209, 233, 321
- revolutions per minute 97
- rhythm(s) 204
- rise 339
- risk(s) 219
- rival 385
- robust 205, 325
- rostral 109
- rostral-caudal axis 109, 114
- rostrally 109, 114
- rostrorocaudal axis 109, 114
- row(s) **100**
- rpm 97
- running 269
- S**
- s 96
- safety 397
- salience 192
- saliency 192
- sample(s) 70
- scale bar(s) 113
- scale mark(s) 114
- scale(s) **81**
- scanner(s) 108
- scarce 19
- scarcely 261
- scarcity 232
- scientific 209
- scope(s) 151
- score(s) 87, 373
- screen(s) 89
- SD 86
- sea water 52
- sealant(s) 150
- sebaceous 126
- sebaceous gland(s) 127
- second(s) 96
- secondary 207
- secondary product(s) 207
- secretion **198**
- seem (to be) XX 270
- seldom 261
- selected 270
- self-generated 271
- sell 385
- semen 375
- semiannually 79
- sense XX 232
- sense(s) **167**
- sensory 175, 191
- sensory cortex 191
- sensory cortices 191
- separate 306
- separation 308
- septa **250**
- septal 255
- septum **250**
- sequence(s) **349**
- sequentially 79
- series of XX 244
- serum 139
- settlement(s) 269
- several 304
- severity 257
- sex chromosome(s) 308
- sex determination 303
- sex(es) **295**
- shape XX 160
- shape(s) 139
- share XX 176
- share XX with YY 220
- shared 162
- shift(s) 385
- showed 21
- shown 21
- signal(s) 192
- signaling 230
- significance 204, 247
- significant 161, 289, 321, 339, 375
- significantly 396
- silk 139
- silver diammine fluoride 150
- similarly 28
- simultaneously 79
- since 286
- since XX 161
- skin **122**
- sleep(s) 206
- slightly 78, 107
- slowly 69, 78
- smooth 69
- so 29
- so far 19
- social behavior(s) 193
- solid line(s) 110
- soluble 69
- solution(s) 68, 344
- sometimes 261
- sort XX 52
- SOV 373
- sp. 53
- specialized 175
- species 307
- specificity **350**
- specify XX 178
- splicing(s) **280**
- split XX 179
- sporophytic 305
- spp. 53
- Sprague-Dawley 105
- square meter 95
- square(s) 113
- stability 387
- stage(s) 52
- standard 106
- standard deviation 86
- star(s) 113
- starch 68
- static 271
- status(es) 232
- stem vertebrate(s) 178
- stem(s) 178
- still 19, 220, 270
- stimulating 374
- stimuli **186**
- stimulus **186**
- stir **63**
- stirrer bar(s) 69
- stirring stick(s) 69
- store(s) 232
- strain(s) 342
- strand(s) 361
- strategy 151, 247, 321, 385, 396
- stress 205
- stress response(s) 205
- stretch(es) 359
- strongly 78
- structural 384
- structure(s) 191, 257, 306, **380**
- studied 21
- study 192
- styling 138
- SU 398
- subcortical 191
- subcutaneous 127
- subjects 20
- sublingual 397
- submit XX to YY 374
- subpopulation(s) 191
- such as XX 270, 287, 340
- sudoriferous gland(s) 126
- sufficient 396
- suggest 22
- suggest XX 290, 304
- superior to XX 385
- superovulation 373
- suprachiasmatic 207
- surface(s) **169**
- surveyed 21
- sustain XX 220
- sustainable **334**, 398
- sustainable 398
- unresponsiveness 398

sweat gland(s) 126	thermal 89	tunicate(s) 177	vary 303	while doing 322
switch(es) 309	thermometer(s) 87	turn(s) 192	vegan 338	while XX 162, 362
synchroniser(s) 208	thickness 343	twice 180	vegan leather 339	whisker(s) 106
synchronizer(s) 208	This review 20	tympanic 88	ventral 107	whole 256
syndrome(s) 219	thoroughly 78	tympanic membrane(s) 88	ventricle(s) 250	whole-body 270
syntheses 230	thousands separator(s) 93	type(s) 177, 255	ventricular 255	wiggly line(s) 113
synthesis 214 , 230	three-dimensional 106	typical 257	versus XX 308	wild-type 357
synthetic 344	threshold(s) 398		vertebrate 174	with XX 52, 76, 205, 395
system 339	through XX 77, 175, 290	U	vertebrate(s) 174	within XX 340
system(s) 127, 174, 209, 321	throughout 243	ubiquitous 243	vertical 108	working 358
systematic 254, 341	throughout XX 77	ultimately 306	vertical axis 114	would 22
	thus 29	unbroken line(s) 113	vessel(s) 52	WT 357
T	tick mark(s) 114	unclear 129	veterinary 375	
T cell(s) 324	tissue(s) ... 123 , 179, 307	under XX 53, 76	viability 373	X
table(s) 99	T-lymphocyte(s) 324	undergo XX 287	viable 274, 344	X(s) 113
Taken together, 22	tolerance (to XX) ... 391	underlie XX 128	vibrissa 106	
TAL effector nuclease(s) 360	tool(s) 163, 355	underpin XX 308	vibrissae 106	Y
TAL effector(s) 360	top XX 385	understand XX 220, 244, 304	vice versa 375	year(s) 96
TALE(s) 360	toward XX 255	undesired 387	vigorously 78	yearly 79
TALen(s) 360	tract(s) 159	undulating line(s) ... 113	virgin 140	yet 19, 28
target(s) 350	traditional 149	uniformity 343	virus(es) 315 , 356	yield(s) 341
targetability 386	train XX 270	unit(s) 100	visual 288	young 289
targeted 324	transcription 279	unknown 19	volume(s) 69	yr. 96
TCA cycle 238	transcriptional 286	unlike XX 360	volumetric cylinder(s) 70	
T-cell(s) 324	transcriptome 287	unload XX 272	volumetric flask (s) ... 70	Z
technique(s) ... 342, 373	transduction 290	unravel XX 320	volumetric flask(s) ... 61	ZFN(s) 359
technology 162	transfer 63 , 243	unresponsiveness ... 398	vs. XX 308	zinc finger 359
temperature(s) 81	transfer XX 243	unsolved 19		zinc finger domain(s) 359
template(s) 362	transform XX 386	until XX 69, 76	W	zinc finger nuclease(s) 359
term(s) 397	transition 206	upon XX 88	w 96	zooplankton 52
test tube(s) 59	transport 243	useful 163, 308	Wagyu 373	
test XX 374	treatment 321, 384	usually 138, 261	wake(s) 206	
textile(s) 340	treatment(s) ... 146 , 209, 395	utilization 149	wall(s) 269	数字・記号
the boil 68	triangle(s) 113	utilize XX 220	was/were used 20	1 Hz 97
the first decimal 94	tricarboxylic acid 243		way(s) 304	3D 106
the first decimal place 94	tricarboxylic acid cycle 238	V	We used XX 20	% 68
the same XX as YY 207	trigger XX 323	v. XX 308	weekly 96	% (w/v) 70
then 69	triplet(s) 359	vaccine(s) 316	way(s) 304	°C 96
theoretically 271	tube(s) 59	value(s) 140	weigh XX 69	°F 96
theorizing 307	tumor(s) 220	variation 106, 325	weighing paper 61	μ g 95
therapeutic 323, 396	tune XX 193	variety 161, 304	weight(s) ... 69, 80 , 272	μ L 95
therapeutic(s) 380		variety of XX 304	well-established 385	μ m 94
therapy 316		various 160, 191, 255	whereas 360	
		varnish 150	while 28	